

GOVERNMENT OF INDIA
METEOROLOGICAL DEPARTMENT

INDIA WEATHER REVIEW, 1947
ANNUAL SUMMARY
PART A

SUMMARY OF WEATHER WITH TABLES

CONTENTS

	Page		Page
Weather and rainfall of 1947	A1	Table VIII—Hourly wind velocities	A28
Table I—Divisional and sub-divisional means	A5	Table IX—Visibility of the Nilgiris from Kodaikanal	A31
Tables II—VI—Abstract of observations at individual stations	A6	Tables X—XIV—Divisional and sub-divisional means of rainfall and rainy days	A32
Table VII—Sunshine and Nocturnal Radiation	A24	Table XV—Days of Rainfall of 10" and above	A41

Published by the Authority of the Government of India

UNDER THE DIRECTION OF

V. V. SOHONI, M.Sc.,

Director General of Observations

Published by the Minister of Publications, Delhi
Printed by the Government of India Press, Calcutta, India
1951

**List of Agents in India from whom
Government of India Publications are available.**

AGRA—

English Book Depot, Taj Road.
National Book House, Jeomandi.
Wadhwa & Co., Raja Mandi.

AHMEDABAD—

Chandra Kant Chiman Lal Vora, Gandhi Road.
Indrashanu Book House Ltd., Mission Road, Bhadra,
New Order Book Co., Ellis Bridge.

AJMER—

Banithi & Co., Ltd., Station Road.

AKOLA—

Bakshi, Mr. M. G.

ALLAHABAD—

Central Book Depot, 44, Johnston Ganj.
Kitabistan, 17-A, City Road.
Law Book Co., Post Box No. 4, Allert Road.
Ram Narain Lal, 1, Bank Road.
Supdt., Ptg. & Stationery, U. P.
University Book Agency (of Lahore), Post Box No. 63.
Wheeler & Co., Messrs. A. H.

ALWAR—

Jaina General Stores, Bazaar Bazar.

AMBALA CANTT.—

English Book Depot.

AMRITSAR—

People's Book Shop, Court Road.
Sikh Publishing House Ltd., Court Road.

BANARAS—

Banaras Book Corporation, University Road, P. O. Laka.
Students Friends, University Gate.
*Hindi Pustak Agency.

BANGALORE—

Book Emporium, Messrs. S. S., 118, G. H. Extension,
Basavangudi P. O.
Vichara Sahitya Ltd., Balepet.

BAREILLY—

Agarwal Bros., Bala Bazar.
Sahitya Nikotan, Pulkazi.

BARODA—

Good Companions.

BIKANER—

Goyal & Co.

BOMBAY—

Clifton & Co., P. O. Box No. 6753, Sion, Bombay-22.
Co-Operators' Book Depot, 9, Bakehouse Lane, Fort.
Current Book House, Hornby Road.
Dutt & Co., P. O. Box No. 6014, Patel.
Lakhani Book Depot, Bombay-4.
National Information & Publications Ltd., National House.
New Book Co., Kitab Mahal, 188-90, Hornby Road.
Popular Book Depot, Grant Road.
Supdt., Government Printing & Stationery, Queens Road.
Sydenham College Co-Operative Stores, Ltd., 90, Hornby Road.
Taraporewala Sons & Co., Messrs. D. B.
Thacker & Co., Ltd.
Tripathi & Co., Messrs. N. M., Princess Street, Kalvadebi Road.
Wheeler & Co., Messrs. A. H.

CALCUTTA—

Chatterjee & Co., 3, Bacha Ram Chatterjee Lane.
*Hindi Pustak Agency, 202, Harrison Road.
Hindu Library, 69-A, Bala Ram De Street.
Lahiri & Co., Ltd., Messrs. S. K.
Newman Co., Ltd., Messrs. W.
R. Cambray & Co., Ltd., Kent House, P-23, Mission Row
Extension.
Roy Choudhury & Co., Messrs. N. M., 72, Harrison Road.
Sarkar & Sons, Ltd., Messrs. S. C., 1/1/1C, College Square.
Standard Law Book Society, 41, Beliaghata Road, Bhawanipur P. O.
Thacker, Spink & Co. (1933), Ltd.

CHAMBA—

Chamli Stationery Mart.

CHANDAUSI—

Mr. Madan Mohan.

CUTTACK—

Press Officer, Orissa Secretariat.

DEHRA DUN—

Jugal Kishore & Co.

DELHI—

Atma Ram & Sons, Publishers, etc., Kashmere Gate.

Bahri Brothers, 188, Lajpat Rai Market.

Federal Law Depot, Kashmere Gate.

*Hindi Pustak Agency.

Imperial Publishing Co., 3, Faiz Bazar, Darya Ganj.

Indian Army Book Depot, 3, Darya Ganj.

Jaina & Bros., Messrs. J. M., Mori Gate.

M. Gulab Singh & Sons.

Metropolitan Book Co., Delhi Gate.

N. C. Karil & Co., Model Basti, Lane No. 3.

New Stationery House, Subzimandi.

Technical & Commercial Book Depot, Students Park, Kashmere

Gate.

Youngman & Co. (Regd.), Egerton Road.

FEROZEPUR—

English Book Depot.

GORAKHPUR—

Halohal Sahitya Mandir.

GWALIOR—

Jain & Bros., Messrs. M. B., Sarafa Road.

Mr. P. T. Sathe, Law Books Dealer.

HYDERABAD (DECCAN)—

Hyderabad Book Depot.

INDORE—

Students and Studies, Sanyogitaganj.

JAIPUR CITY—

Garg Book Co., Tripolia Bazar.

Vani Mandir, Sawai Mansingh Highway.

JAMMU (TAWI)—

Krishna General Stores, Raghunath Bazar.

JHANSI—

Bhatia Book Depot, Sadar Bazar.

English Book Depot.

JODHPUR—

Kitab Ghar, Sojati Gate.

Mr. Dwarkadas Rath.

JULLUNDUR CITY—

Excelsior Book Depot, Baz Bahawala.

KANPUR—

Advan & Co., The Mall.

Sahitya Niketan.

Universal Book Stall, The Mall.

KOLHAPUR—

Maharashtra Grantha Bhandar.

LUDHIANA—

J. Ley & Sons (India), Ltd., Hazarajgunj.

Law Book Agency, 29-A, Lahorey Road.

New Oxford Book Co., Jhangirabad Palace.

Universal Publisher, Ltd., Plaza Building, Hazaraj Ganj.

Upper India Publishing House, Ltd., Literature Palace, Aminud-

Dan Park.

LUDHIANA—

Ley Book Depot.

Mr. Dharam Prakash, B.Sc., Bajitman Road.

INDIA WEATHER REVIEW, 1947.

ANNUAL SUMMARY.

PART A.

Weather and Rainfall of 1947.

Summary.--The western disturbances during winter were generally feeble; but their secondary, moving across the central parts of the country were more active and gave good rainfall over Central India, the Central Provinces and Orissa in January. There were widespread thunderstorms in the Peninsula, the central parts of the country and the United Provinces during the third week of February. During the hot weather season March to May, a severe cyclonic storm in the second week of April gave very heavy rain in south Kathiawar the Konkan and the south Peninsula and caused considerable loss of property and live stock in south Kathiawar. The monsoon arrived on the west coast in time but did not penetrate into the interior of the country till the end of June. After the middle of July till the third week of September, it was generally active and caused abundant rainfall. During the period October to December, the northeast monsoon was mostly feeble except for two spells in the third week of October and in the third week of December. Consequently the rainfall during this period was deficient in the southern half of the Peninsula. The western disturbances also were generally feeble. Two cyclonic storms and two depressions formed in the Bay of Bengal of which one storm and one depression in December caused widespread and locally heavy rain along the east coast of the Peninsula during the middle of the month and the beginning of the fourth week respectively.

I. The Cold Weather Period (January and February).--Two out of the five western disturbances in January were active. The third disturbance induced a secondary which moved across the central parts of the country and caused local showers there and in Orissa from the 12th to 13th. This was followed by a cold spell over Rajputana and the central parts of the country from the 15th to 18th when temperatures were 8 to 12° below normal. The last disturbance caused fairly widespread thunderstorms in the central parts of the country, the United Provinces and Chota Nagpur between the 26th and 28th. There were fairly widespread thunderstorms in southeast Madras and south Malabar in the second half of the first week and in southeast Madras on the last four days of the month. The rainfall in January was, therefore, normal or in excess over most parts of the country - excluding northwest India, East Bengal and Assam.

Six western disturbances affected the weather in February and out of these three were active. The first gave local to widespread precipitation in the East Punjab between the 3rd and 5th. The second was responsible for fairly widespread precipitation in the East Punjab, the United Provinces, Chota Nagpur and Bihar between the 8th and 10th. The fifth disturbance in association with its secondary which moved across the United Provinces and Bihar, gave fairly widespread rain in Kashmir, the East Punjab, the United Provinces, east Central India and the west Central Province, on the 23rd and 25th. Outside northwest India weather was generally dry - except for scattered showers in the south Peninsula during the last week.

The total rainfall for the winter period was in moderate to large excess in Orissa, the central parts of the country, the Konkan, the Bombay Deccan, north Hyderabad, Mysore and the Madras Presidency outside the match Madras coast. It was in slight excess in the north Madras coast, in slight deficit in the United Provinces and east Rajputana and in moderate to large deficit elsewhere except in Gujarat where no rain fell.

The mean temperature was normal over the whole country. The relative humidity was in excess in the East Punjab, the Bombay Province, the central parts of the country, Hyderabad and Mysore and normal elsewhere. The cloud account was in excess in Orissa, Bihar and the Peninsula and in deficit in Rajputana.

II. The Hot Weather Period (March to May).—Of the five western disturbances that affected the weather during *March*, three were active and induced secondaries which moved eastwards across the United Provinces to West Bengal and caused spells of marked thunderstorm activity in the United Provinces and northeast India between the 13th and 16th, 20th and 22nd and 25th and 26th. Many of the thunderstorms in Bihar and Assam between the 20th and 22nd were accompanied by hail showers. There was marked thunderstorm activity in the Peninsula and the central parts of the country also on the first two days of the month and again on the last four days.

The dominant feature of the weather in *April* was a severe cyclonic storm in the Arabian Sea. It formed as a depression, centred near Lat. $9\frac{1}{2}^{\circ}$ N., Long. $74\frac{1}{2}^{\circ}$ E. on the 13th. Moving northnorthwestwards, it intensified into a severe cyclonic storm by the 15th morning. It finally moved into the Gulf of Cambay and filled up near Surat by the 20th. Associated with the formation and movement of this storm, widespread and locally heavy rain fell in the south Peninsula between the 12th and 14th, the rainfall extending into the Konkan and the west Deccan by the next day and in south Kathiawar by the 16th. Very heavy rain exceeding 10 inches in 24 hours in many places occurred in south Kathiawar between the 16th and 18th. In the Bhavnagar State, hundreds of houses were destroyed, large number of cattle were killed and the cotton and pulse crops were severely damaged by excessive rain and strong winds. Winds of gale and hurricane force which blew in and near the port of Veraval are reported to have caused considerable damage to country craft and small boats. The losses in the Veraval port alone were estimated at several lakhs of rupees.

There was marked thunderstorm activity in Assam during the second and third weeks and in the first half of the fourth week of April, while local thundershowers occurred in the south Peninsula in the beginning of the month.

May was a month of good thunderstorm activity in the northeast of India, particularly in Assam, Bihar and the United Provinces. There were local thundershowers in Malabar also on most days. Elsewhere in the Peninsula and in the central parts of the country, rainfall was scanty. Five of the six western disturbances of the month were feeble and consequently northwest India also had generally scanty rainfall.

The total rainfall for the period, March to May, was in large excess in Gujarat and the Konkan and in slight to moderate excess in Berar, the Bombay Deccan and southeast Madras. It was normal in Assam, Chota Nagpur, Bihar and the west Central Provinces, in slight to moderate defect in Orissa, the east United Provinces, Kashmir, west Central India, the east Central Provinces, Mysore and Malabar and in large defect elsewhere except in west Rajputana where no rain fell.

The mean temperature was above normal in the United Provinces, the East Punjab and Rajputana. Humidity was above normal in the Bombay Province and Central India and normal elsewhere. Cloud amount was in excess in the Bombay Province, the Central Provinces and Berar and Mysore and in defect in the East Punjab and Rajputana.

III. The Southwest Monsoon Period (June to September).—The monsoon advanced feebly over Malabar on the 3rd *June* and extended to the Konkan by the 5th; but its activity was confined to the coastal regions during the first three weeks. The Bay monsoon also was confined to northeast India during this period. Under the influence of a cyclonic storm from the Bay of Bengal, the monsoon advanced into the whole country outside northwest India and Gujarat during the last week. However, the rainfall for June was in moderate to large defect except in northeast India, the south Peninsula and Kashmir.

The monsoon extended feebly into Gujarat and the eastern districts of northwest India early in *July*. During the first ten days of the month, widespread rain fell everywhere except in Rajputana and rainfall was locally heavy in the central parts of the country, the United Provinces and Assam. A marked strengthening of the Arabian Sea branch of the monsoon in the beginning of the third week resulted in very heavy rain in the Konkan, Gujarat, east Rajputana, the southern divisions of the United Provinces and in and near Central India during that week. The monsoon continued to be strong over these regions during the last week also. The rainfall for July was normal or in excess over most parts of the country outside northwest India.

During the first half of *August*, the activity of the monsoon was confined to northeast India, the east United Provinces and Malabar. The Peninsula also had its usual share of rain during this period from thunderstorms, while the central parts of the country and northwest India were generally dry. A vigorous revival of the monsoon took place in the Konkan, Gujarat, east Rajputana and the central parts

V. Taking the year as a whole, the rainfall was in moderate excess in east Rajputana and in slight excess in the west United Provinces, west Central India, Berar, the Central Provinces and the Madras Deccan and normal elsewhere. It was in slight defect in Orissa, Bihar, the East Punjab, west Rajputana and southeast Madras and normal elsewhere. Averaged over the plains of India, the rainfall for the year was 3% below normal.

N. B.—The Indian Standard Time used in this publication is 5 hrs. 30 minutes in advance of G. M. T.

Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.) and

Height of barometer, mean sea-level, feet	Pressure at station level, millibars			Maximum temperature, °C			Minimum temperature, °C			Dry bulb temperature, °F			Wet bulb temperature, °F			Vapour pressure, millibars			Relative humidity, %		
	Mean	Max.	Min.	Mean	Max. from normal	Highest during the year	Mean	Max. from normal	Lowest during the year	Mean	Max. from normal	Mean	Max. from normal	Mean	Max. from normal	Mean	Max. from normal	Mean	Max. from normal	Mean	Max. from normal
	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs	hrs
hrs	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
261	1,001.7	-0.1	0.091	89.8	+0.0	92	V	71.7	+1.2	66	XI, XII	81.2	80.1	76.9	76.0	+1.6	-0.8	28.0	81	+1	8
348	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
417	999.6	-0.3	0.056	82.6	+1.1	93	VI	66.7	+0.9	45	I, XII	72.0	77.1	64.5	72.8	-2.4	-0.2	25.2	89	-1	76
258	1,001.9	-0.2	0.074	81.7	+1.0	99	V	67.3	-0.1	46	I	72.4	79.5	69.2	72.6	-2.8	-0.1	24.9	81	-1	71
182	1,003.8	-0.1	0.015	84.6	-0.1	99	V	67.3	+0.7	46	I	73.2	80.4	69.9	72.5	-2.3	-0.4	24.3	85	-1	67
115	1,006.0	-0.1	1.002.4	82.6	-0.1	99	IV	68.8	+0.6	48	I	72.6	80.4	69.9	72.3	-2.7	-0.6	24.1	87	-4	68
96	1,007.2	-0.2	1.003.1	86.0	-0.1	97	VII, VIII	68.2	+0.8	45	I	72.6	81.4	69.8	70.5	-2.4	-0.4	23.2	87	-7	67
33	1,000.2	..	..	89.0	..	100	IV	71.2	..	41	I	73.4	72.1	..	25.6	..	..	77	..	..	..
21	1,008.1	-0.3	1.001.6	89.1	+0.9	103	IV	72.3	+2.1	50	I	76.0	83.7	72.6	74.6	-2.7	-0.6	27.8	85	-1	65
20	1,005.2	-0.4	1.000.3	84.9	-0.3	95	IV	..	..	..	I	70.4	61.3	71.7	73.0	-2.9	-0.3	27.0	79	-2	74
28	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
149	1,003.6	-0.3	1.000.0	90.6	-0.7	113	IV	71.2	+0.5	49	I	76.7	83.8	71.4	73.4	-2.3	-0.7	23.1	75	-1	56
106	1,005.3	-0.1	1.001.7	89.5	+0.5	107	IV, V	71.0	-0.6	18	I	76.2	86.0	71.4	73.3	-2.1	-0.7	22.0	77	0	54
48	1,007.1	-0.4	1.003.8	90.2	+1.5	108	IV	68.9	+0.5	14	I	75.4	85.2	71.8	74.1	-2.1	-0.1	21.5	83	-6	59
414	994.5	0	999.9	90.0	-0.7	112	VII	69.5	+0.6	47	I	76.1	85.0	69.7	72.2	-2.0	-0.4	21.8	73	-1	53
62	1,006.7	-0.4	1.003.1	90.3	+2.0	108	IV	69.8	-0.4	47	I	76.8	84.3	71.3	71.4	-2.0	-0.3	21.3	75	-2	59
103	1,003.5	-0.2	1.001.9	87.6	+0.7	106	IV	68.0	+1.2	46	I	76.4	83.4	70.7	72.7	-2.1	-0.1	23.2	71	-1	59
271	1,000.2	-0.3	996.5	84.6	0	96	IV, V	66.9	+0.6	16	XII	70.7	81.6	67.0	72.1	-2.8	-0.5	20.9	85	0	62
65	1,006.5	-0.3	1.003.0	89.2	-0.6	111	VII	71.0	+1.3	52	I	77.0	82.6	72.7	74.9	-2.0	-0.8	26.6	77	0	70
20	1,008.2	-0.1	1.005.1	89.5	+0.6	..	IV	72.0	+0.3	53	XII	77.1	81.5	73.5	75.0	-2.2	-0.7	26.3	83	-1	67
20	1,008.3	-0.1	1.005.3	86.3	+0.2	106	IV	73.7	+0.9	50	XII	78.9	82.3	74.7	76.8	-2.2	-0.5	26.6	81	0	73
56	1,007.0	-0.2	1.007.9	86.1	-0.2	99	V	73.9	+0.6	58	XII	78.3	81.7	74.7	77.1	-2.4	-1.3	29.9	83	-3	80
87	1,000.7	-0.7	1.002.2	91.4	+0.5	112	VII	..	..	56	XII, XIII	77.2	81.7	73.1	74.5	-2.6	-0.9	24.5	81	-2	58
400	993.3	0	989.6	91.0	+0.8	115	V	71.4	+1.5	51	XII	76.8	86.6	70.7	72.2	-2.6	-0.2	20.9	74	-1	52
486	931.9	-0.5	988.4	91.7	+1.2	116	V	70.4	+0.8	45	XII, XIII	75.2	88.1	69.8	72.0	-2.0	-0.9	21.1	77	-6	50
423	991.2	-0.1	990.4	90.3	+0.1	113	VII	70.0	+1.5	48	I, XII, XIII	73.6	86.1	60.4	71.8	-2.8	-0.6	20.6	74	-1	51
742	953.2	0	970.4	90.7	-1.0	113	VII	69.6	+1.2	47	I	74.4	86.1	60.8	73.0	-2.7	-1.0	21.5	70	-5	54
2,150	936.0	-0.1	933.2	84.2	+0.1	107	VII	61.6	-0.7	43	I	72.1	79.0	64.8	67.1	-1.5	-0.8	17.6	69	-5	53
2,000	940.8	-0.1	928.0	85.0	+0.4	108	VII	65.0	-0.4	39	I	72.0	79.3	64.8	66.2	-1.2	-0.8	16.8	66	-2	53
725	943.7	-0.3	930.0	80.0	+0.3	114	VII	66.5	+1.0	39	I	74.5	85.5	67.3	70.5	-2.8	-1.3	19.3	70	-1	49
630	979.5	..	..	..	..	111	VII	68.2	..	46	I	76.7	..	68.3	..	21.3	..	..	67	..	
121	1,004.8	-0.3	1.001.1	88.2	+1.5	105	IV	66.6	+0.6	43	I	73.9	87.0	69.2	73.3	-2.5	-0.8	24.3	79	-2	63
361	1,003.4	-0.1	991.7	88.6	+1.6	105	IV, V	67.5	+0.3	45	I	73.4	85.0	68.8	73.4	-2.3	-0.5	23.7	80	-4	57
219	1,001.3	-0.1	997.5	..	..	..	..	66.3	+1.1	44	I, XII	77.6	82.2	69.7	72.8	-2.5	-0.6	24.0	77	+2	64
173	1,002.4	-0.3	993.1	83.6	+2.0	110	VII	69.0	+1.0	46	I	73.7	85.4	69.5	71.4	-2.0	-0.2	20.7	69	-1	50
372	996.2	..	992.5	90.3	..	115	V	69.9	..	46	I	76.8	86.7	68.2	70.5	-2.5	..	18.9	68	..	45
365	955.7	-0.3	992.2	90.0	+1.0	115	V, VI	69.1	+1.7	42	I	75.9	86.8	67.7	70.1	-2.6	+1.5	18.5	66	+6	45
430	911.7	-0.6	944.2	82.7	+1.6	112	VII	69.8	+0.9	44	I	75.3	84.9	69.3	71.3	-2.8	+0.7	20.8	72	-2	53
122	1,004.8	-0.1	1.000.8	84.7	+1.2	107	IV, V	67.0	+0.9	41	I	75.2	83.4	69.0	72.8	-2.5	-0.9	23.5	75	-1	61

* Data, except rainfall, not reliable hence no means.

† Data incomplete hence no means.

Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.) and

Height of barometer above mean sea level in feet.	Pressure at station level, millibars.				Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.		Relative humidity, %			
	Mean 8 hrs. I. S. T.		Departure from normal.		Mean 17 hrs. I. S. T.		Departure from normal.		Highest during the year.		Mean.		Departure from normal.		Lowest during the year.		Mean.		Departure from normal.		Mean 8 hrs. I. S. T.	
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
261	1,001.7	-0.1	999.1	85.8	-0.9	92		V	71.7	+1.2	66	11, 111	81.2	80.1	76.9	76.0	29.6	-0.8	28.9	81	-1	82
348	..	..	..	..	..	..	..	VII	68.7	+0.9	45	I, XII	72.0	71.1	69.5	72.3	21.4	-0.2	25.2	89	-1	76
317	999.6	-0.3	985.6	82.6	-1.1	98		V	67.3	+0.1	46	I	72.4	70.5	69.2	72.6	23.8	+0.1	24.0	81	-1	71
258	1,001.9	-0.2	997.4	81.7	-1.0	99		V	67.3	+0.7	46	I	73.2	80.4	69.9	72.5	24.3	-0.4	21.3	83	-1	67
182	1,003.8	-0.1	999.5	84.6	-0.1	99		V	68.8	+0.6	48	I	72.6	80.4	69.9	72.3	24.7	-0.8	21.1	87	-1	68
116	1,006.0	-0.1	1,002.4	82.6	-0.1	99		IV	68.8	+0.8	45	I	72.6	81.1	69.8	73.5	21.4	-0.4	25.2	87	-1	67
96	1,007.2	-0.2	1,003.1	86.0	-0.1	97		VII, VIII	68.2	+0.8	45	I	73.1	..	72.1	..	25.6	..	77	..	..	..
33	1,009.2	..	..	89.0	..	109		IV	71.2	..	41	I	73.1	..	72.1	..	25.6	..	77	..	..	..
21	1,008.1	-0.3	1,001.6	89.1	-0.0	108		IV	72.3	+2.1	50	I	76.0	83.7	72.6	74.6	26.7	-0.0	23.8	85	-3	65
10	1,008.2	-0.4	1,005.3	84.9	-0.3	95		IV	..	..	..	..	79.1	81.3	71.7	75.8	27.0	+0.3	27.9	79	-2	71
28	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
149	1,003.6	-0.3	1,000.0	90.6	-0.7	113		IV	71.2	+0.5	40	I	76.7	83.8	71.4	73.4	21.8	+0.7	23.1	75	-1	56
106	1,005.3	-0.1	1,001.5	89.5	+0.5	107		IV, V	71.0	+0.8	48	I	70.2	86.0	71.4	73.3	25.1	+0.7	22.0	77	0	54
48	1,007.1	-0.4	1,003.8	90.2	+1.5	108		IV	69.9	+0.5	44	I	75.4	85.2	71.8	74.1	26.1	-0.1	24.5	83	+6	59
414	994.5	0	990.9	90.0	+0.3	112		VI	69.6	+0.8	47	I	76.1	85.0	69.7	72.2	23.0	+0.4	21.8	73	-1	56
62	1,006.7	-0.4	1,003.1	90.3	+2.3	108		IV	69.8	+0.4	47	I	76.8	84.3	71.5	73.4	24.9	+0.3	24.1	75	-3	59
103	1,005.6	-0.2	1,001.0	87.6	+0.7	106		IV	68.9	+1.2	46	I	76.4	83.4	70.7	72.7	24.1	+0.1	23.2	74	-1	59
271	1,000.2	-0.3	996.3	84.6	0	96		IV, V	66.9	+0.6	46	XII	70.7	81.6	67.0	72.1	22.8	+0.5	23.3	85	0	62
65	1,006.5	-0.3	1,003.0	89.2	+0.5	111		VI	72.0	+1.3	52	I	77.0	82.6	72.7	74.9	26.0	+0.8	20.6	77	0	70
20	1,008.2	-0.1	1,005.1	89.5	+0.6	..	..	..	72.0	+0.3	53	XII	77.4	83.5	73.3	75.0	27.2	-0.7	26.3	83	+2	67
20	1,008.3	-0.1	1,005.3	88.3	+0.2	106		IV	75.7	+0.9	59	XII	78.9	82.3	74.7	76.8	28.2	+0.5	28.6	81	0	75
56	1,007.0	-0.2	1,003.9	86.1	-0.2	99		V	73.9	+0.6	58	XII	78.3	81.7	74.7	77.1	28.4	+1.5	29.9	83	+3	80
87	1,005.7	-0.7	1,002.2	91.4	+0.5	112		VI	..	..	56	II, XII	77.2	85.7	73.1	74.5	26.6	+0.6	24.5	81	-1	58
455	993.3	0	989.6	91.0	+0.8	115		V	71.4	+1.5	51	XII	76.8	86.0	70.7	72.2	23.6	-0.2	20.0	74	-1	52
486	991.9	-0.5	988.4	91.7	+1.2	116		V	70.4	+0.8	48	II, XII	75.2	85.3	69.8	72.9	23.0	+0.0	21.1	77	-1	50
623	994.2	-0.1	990.4	90.3	+0.1	113		VI	70.0	+1.5	48	I, II, XII	75.3	86.1	69.4	71.8	22.6	+0.9	20.6	74	-1	51
742	983.2	0	970.4	90.7	+1.0	113		VI	69.6	+1.2	47	I	74.4	86.1	69.8	73.9	23.7	+1.6	23.5	79	-5	58
2,150	985.0	-0.1	983.2	84.2	+0.1	107		VI	64.6	-0.7	43	I	72.3	79.0	64.8	67.1	18.5	+0.8	17.6	69	-5	54
2,006	940.8	-0.1	938.0	85.0	+0.4	108		VI	65.0	-0.4	39	I	72.0	79.3	64.8	66.2	18.2	+0.3	16.8	66	+2	53
725	983.7	-0.3	980.0	89.0	+0.5	114		VI	66.5	+1.0	39	I	74.5	85.5	67.3	70.3	20.8	+1.9	19.3	70	-1	49
839	970.5	..	..	..	..	..	..	VI	68.2	..	46	I	75.7	..	65.3	..	21.3	..	67	..	..	..
124	1,004.8	-0.3	1,001.1	88.2	+1.5	105		IV	66.6	+0.6	43	I	73.0	82.0	69.2	73.3	23.5	+0.3	24.3	70	-2	63
161	1,001.4	-0.1	999.7	88.5	+1.6	105		IV, V	67.5	+0.3	45	I	73.4	85.0	68.8	73.4	23.3	+0.5	23.7	80	+4	57
218	1,001.3	-0.1	997.5	..	..	..	..	..	66.3	+1.1	44	I, XII	77.6	82.2	69.7	72.8	23.5	+0.8	24.0	77	+2	64
173	1,002.4	-0.5	992.1	89.6	+2.0	110		VI	69.0	+1.0	45	I	75.7	83.4	68.5	71.4	21.9	-0.2	20.7	69	-1	50
352	970.2	..	992.5	99.3	..	115		V	69.9	..	46	I	75.8	86.7	68.2	70.3	21.5	..	18.0	68	..	45
365	925.7	-0.3	992.2	90.9	+1.9	115		VI, VII	69.1	+1.7	42	I	75.0	86.6	67.7	70.1	20.5	+1.5	18.5	66	+5	45
429	931.7	-0.3	982.2	89.7	+1.6	112		VI	68.8	+0.9	44	I	75.3	84.9	69.3	71.3	22.8	+0.7	20.6	72	+2	50
122	1,004.5	-0.1	1,000.8	84.7	+1.2	107		IV, V	67.0	+0.9	41	I	73.2	83.4	69.6	72.8	23.5	+0.9	23.5	75	-1	61

* Data, except rainfall, not reliable hence no means.

† Data incomplete hence no means.

17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1947.

Cloud amount, (tenths of sky).	Rainfall, inches.		Number of rainy days, (0-10° or more).	Wind velocity, miles per hour.	Wind direction—Number of winds during the year from :—													STATION.													
					8 hrs. I. S. T.								17 hrs. I. S. T.																		
hrs. in I. S. T.	hrs. in I. S. T.	Total of the year.	Departure from normal.	Heaviest fall during the year.	Month.	Total in the year.	Departure from normal.	Month.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm	STATION.		
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53		
74	-1.4	7.9	125.27	-11.91	7.21	VI	149	-1.1	94	-1.1	26	16	42	14	5	95	79	16	22	9	60	51	12	10	84	79	24	16	BAY ISLANDS, Port Blair.		
75	125.97	-10.66	7.70	VII	127	-0.9	ASSAM, Dibrugarh.	
81	-0.3	6.1	114.82	-10.22	4.80	VI	115	-0.7	24	-0.6	18	114	36	20	29	31	2	10	62	57	57	18	7	20	27	7	23	119	Sibsagar.		
47	-0.6	5.4	75.59	-0.25	5.62	VII	104	-1.0	18	-0.3	10	75	171	22	5	5	7	1	60	5	25	99	9	4	7	7	1	208	Tezpur.		
56	-0.5	4.8	61.29	-0.15	2.63	VII	58	-1.3	25	-1.1	62	59	45	42	18	26	8	22	27	20	98	47	18	16	51	15	23	75	Gauhati.		
55	-1.0	4.9	74.72	-23.18	3.95	V	95	-0.5	14	0	14	100	25	24	24	29	15	0	61	10	65	60	25	29	59	18	6	93	Dhubri.		
58	-0.7	3.9	100.15	-20.45	8.70	XI	142	-0.1	32	-0.5	85	70	16	15	12	9	38	14	26	13	17	11	52	76	42	114	Silchar.				
76	..	..	54.76	-1.74	7.74	VII	84	..	..	..	16	20	41	20	61	19	9	27	282	..	..	..	..	..	..	..	..	..	WEST BENGAL, Dum Dum.
48	-0.1	3.0	67.93	-3.05	7.71	IX	78	-0.7	28	-0.4	27	19	50	19	41	83	20	13	113	25	2	13	30	61	75	18	23	118	Calcutta.		
46	-0.5	4.8	60.90	-0.72	5.86	XII	74	-0.1	12.5	-0.1	61	46	18	15	21	108	16	29	9	51	13	6	22	113	113	10	21	8	Singor Island.		
77	..	..	54.76	-1.74	7.74	VII	84	..	..	..	16	20	41	20	61	19	9	27	282	..	..	..	..	..	..	..	..	..	Shillong.
52	-1.1	2.5	21.67	-3.84	3.0	IX	77	-0.7	3.7	-1.4	35	52	21	14	30	73	10	14	45	49	65	14	33	91	33	8	67	Midnapore.			
44	-0.2	4.0	20.46	-2.80	4.7	VII	80	-0.8	3.9	-1.6	42	23	46	10	21	77	21	23	72	33	17	51	29	33	49	38	44	71	Burdwan.		
48	-0.4	5.0	51.15	-2.18	3.9	VII	84	-0.7	10	-0.3	10	21	17	30	51	32	9	18	125	15	5	16	51	59	25	35	21	138	Krishnagar.		
44	-0.1	3.1	61.14	-3.16	4.78	VIII	79	-0.1	11	-0.4	11	5	33	51	21	17	33	37	112	11	11	11	11	11	11	11	11	Assam.			
49	-0.2	4.7	57.68	-1.19	3.1	IX	87	-0.6	1.9	-0.4	64	4	58	26	91	12	17	11	122	16	1	46	15	57	7	16	9	107	Bethampore.		
45	-1.1	2.1	41.20	-1.18	4.11	VII	62	-0.2	5.5	-0.1	58	35	58	47	67	39	9	17	192	23	38	38	37	28	13	26	72	106	Mohda.		
74	-1.5	4.0	81.67	-2.7	4.18	VII	104	-0.7	9.2	-1.6	85	94	87	11	6	5	6	17	58	15	49	60	32	29	31	35	6	99	Jalpaiguri.		
78	..	..	54.76	-1.74	7.74	VII	84	..	..	..	16	20	41	20	61	19	9	27	282	..	..	..	..	..	..	..	..	..	Orissa.
54	-1.2	3.6	92.41	-0.10	ND	VI	84	-0.7	4.5	-1.2	22	53	7	4	35	92	4	42	54	6	9	4	84	105	35	2	5	115	Balasore.		
49	-0.1	4.5	77.61	-2.20	1	VI	961	-0.7	5.7	-0.9	78	7	8	12	62	50	43	15	322	10	25	60	100	91	16	15	4	10	Chandbali.		
42	-0.6	5.8	176	-3.18	4.91	VI	61	-1.0	11.6	-2.1	92	49	7	9	12	144	32	23	6	9	22	17	84	73	142	16	6	0	Path.		
50	-1.6	3.5	40.47	-1.03	3.26	X	55	-0.2	11.7	-1.3	111	6	3	10	37	114	4	32	25	25	13	60	60	78	111	7	5	0	Gopalpur.		
49	-0.1	3.2	62.26	-3.23	3.94	VIII	75	-0.5	3.2	-1.1	8	16	15	2	35	28	13	21	184	9	10	22	13	63	51	17	12	159	Cuttack.		
49	-0.2	2.6	41.20	-1.01	4.81	VII	80	-0.7	4.8	-0.7	7	17	22	24	8	4	68	56	159	39	17	25	48	35	39	43	40	90	Angul.		
49	-1.5	2.8	..	..	..	VIII	87	-0.9	24	73	26	11	54	40	1	7	105	58	62	9	8	51	62	31	22	82	Samalpur.		
79	..	..	54.76	-1.74	7.74	VII	84	..	..	..	16	20	41	20	61	19	9	27	282	..	..	..	..	..	..	..	..	..	Chota Nagpur.
44	-0.9	5.2	59.25	-2.26	4.31	VI	80	-0.6	3.6	-0.7	5	16	45	17	2	28	34	42	56	26	26	39	32	12	42	29	44	65	Jamshedpur.		
61	-2.0	6.2	49.41	-2.22	3.92	IX	82	-0.1	1.1	-0.1	10	21	2	9	14	146	14	3	146	23	48	4	22	18	64	21	26	137	Chilai.		
37	-0.4	4.9	37.97	-0.14	3.16	XI	61	-0.2	12.3	..	24	2	19	1	76	37	10	18	105	42	5	24	7	34	31	33	31	173	Raichur.		
50	-0.7	5.2	65.14	-2.79	2.95	IX	71	-0.2	4.9	-0.8	15	7	21	9	43	53	49	51	57	45	14	20	30	27	10	20	101	15	Hazaribagh.		
44	-1.2	4.9	41.50	-2.15	3.86	IX	71	-0.1	2.5	-0.4	7	31	15	41	0	4	52	5	173	42	21	41	11	14	6	18	81	78	Dalhousie.		
71	..	..	41.18	..	3.25	VII	75	..	5.1	..	26	23	18	35	24	16	61	26	93	..	..	..	..	..	..	..	..	..	Dhanbad.
79	-0.2	3.8	58.81	-2.56	3.99	VII	65	-0.5	2.9	-0.7	6	49	117	26	15	34	22	6	70	6	29	52	20	7	33	47	5	134	Purnia.		
39	-0.4	3.4	40.81	-2.97	3.78	VII	55	-0.2	2.6	-0.2	2	27	100	27	4	20	62	0	60	9	32	55	41	7	24	72	23	108	Durhama.		
39	-0.9	2.9	57.56	-3.11	3.72	VII	55	-0.4	..	..	4	5	155	17	4	2	49	9	100	0	2	60	1	2	0	51	3	240	Mohuda.
39	-0.2	3.0	41.37	-1.72	3.94	IX	37	-0.6	3.6	-0.6	1	28	65	27	14	59	36	16	19	12	36	47	15	6	53	40	110	Patna.			
75	-0.7	4.4	27.29	-0.53	5.94	VII	47	-0.19	5.2	-0.7	2	15	33	50	111	72	10	2	72	47	25	33	13	17	114	31	60	64	51	81	Delhi.
28	-0.7	3.1	51.99	-2.81	4.82	VII	51	-0.6	2.0	-0.1	3	37	15	16	7	16	14	32	151	1	56	0	72	2	24	20	35	81	81	Noida-Delhi.	
44	-0.1	4.0	45.																												

Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2.30 hrs. G. M. T.)

*Data incomplete hence no means.
Data for Kashmir statistics not available hence no means.
Data not available for complete year hence no annual means

and 17 hrs. I. S. T. (11.30 hrs. G. M. T.) for the year 1947—*contd.*

*Total for 370 days.
†Total for 393 days.

Total for 30 days.

Total for 286 days.
Total for 289 days.

Total for 374 ships.

Total for 3/3 days
Total for 3/2 days

Total for 370 days

卷之三

Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.)

STATION.	Pressure at station level, millibars.				Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.		Relative humidity, %				
	Height of bar. cistern above mean sea level, in feet.	Mean 8 hrs. I. S. T.	Departure from normal.	Avg. 17 hrs. I. S. T.	Mean.	6	7	Departure from normal.	Highest during the year.	Month.	Mean.	10	11	Departure from normal.	Lowest during the year.	Month.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
GUJARAT																							
Deesa*	460	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bhuj	343	997.4	-0.1	994.6	91.5	+0.4	111	..	V	69.4	+0.3	41	..	XII	71.1	89.3	68.0	69.3	20.8	+0.4	10.1	74	+9.34
Dwarka	37	1,007.0	-0.7	1,006.0	84.2	-0.2	94	..	IV	73.1	+0.1	50	..	I, XII	74.8	81.7	70.8	73.5	24.0	+0.5	25.2	80	0.67
Jambagar	60	1,007.2	-0.4	..	88.7	-0.7	107	..	V	69.5	+1.5	48	..	I	75.1	..	69.0	..	23.8	+1.4	..	75	-1.1
Rajkot	432	994.3	-0.3	991.2	92.8	-0.1	112	..	V	67.6	+1.2	44	..	I	70.8	90.6	66.1	70.1	21.3	+1.6	16.7	78	-7.3
Veraval	26	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Surat	39	1,008.0	-0.5	1,004.6	91.7	+0.2	109	..	IV	71.8	+1.4	52	..	I	75.1	88.0	70.3	70.2	24.0	+1.0	25.5	76	+5.58
Bhavnagar	55	1,007.6	-0.4	1,004.2	92.7	-0.8	110	..	V	68.8	-0.2	47	..	I, II	71.5	90.5	65.3	71.3	19.7	+0.4	18.0	61	+8.35
Ahmedabad	163	1,004.0	-0.3	1,000.5	92.0	-1.0	109	..	IV, V	71.8	+1.1	51	..	I	74.0	91.1	60.7	71.7	20.2	+1.1	18.3	66	+4.72
Dohad	1,003	972.4	..	969.5	91.0	0	110	..	V	68.0	+0.9	43	..	XII	70.8	88.2	64.3	69.6	18.6	-0.2	19.6	69	0.89
Baroda	116	1,005.6	..	1,002.1	93.8	+0.4	111	..	IV, V	67.0	+1.7	43	..	I	71.6	90.5	67.1	73.5	21.9	+1.9	20.0	78	-4.94
CENTRAL INDIA, WEST.																							
Neemuch	1,626	954.0	-0.3	951.5	89.0	+0.3	114	..	V	65.6	+1.0	41	..	XII	60.3	86.4	62.0	68.1	17.0	+1.3	10.7	60	+0.46
Indore	1,823	917.3	-0.5	914.4	87.7	-0.5	112	..	V	64.4	+0.6	41	..	XII	68.3	85.0	62.7	67.3	17.0	-0.9	15.5	74	+11.33
Bhopal	1,643	953.3	-0.2	950.5	88.7	+0.3	114	..	V	66.1	+0.8	43	..	I	71.3	85.7	63.5	68.1	17.7	+1.5	16.6	67	+5.13
Guna	1,571	955.5	-0.1	953.1	89.5	+0.6	114	..	V	64.4	+1.4	36	..	XII	68.7	86.7	61.7	67.0	17.0	+0.9	10.3	69	+4.740
Gwalior	681	984.0	..	981.0	91.2	..	118	..	V	67.3	..	33	..	I	74.7	88.2	64.2	69.0	17.1	..	17.6	58	..42
Madhosagar	757	982.7	..	979.2	91.2	..	118	..	V	69.0	..	44	..	I	72.6	87.6	64.9	69.0	18.1	..	10.5	61	..39
CENTRAL INDIA, EAST.																							
Nowrangpur	750	982.8	-0.3	979.5	90.0	+0.9	117	..	V	65.2	-0.1	37	..	I	71.0	87.6	64.4	70.2	19.2	+1.0	16.3	72	+5.43
Sutara	1,041	972.2	-0.7	969.4	90.1	+1.7	116	..	V	65.7	-0.2	38	..	I	71.3	86.5	64.5	69.2	18.0	+1.2	17.2	71	+8.42
Umaria	1,506	957.3	..	954.3	88.5	+0.7	113	..	V	65.0	+0.9	40	..	I, XII	71.3	85.0	63.8	69.0	18.1	+0.6	18.1	69	+0.47
BERAR.																							
Akola	925	977.3	-0.7	973.4	93.3	0	118	..	V	60.5	+1.7	49	..	XII	73.2	90.7	65.4	70.3	18.5	+1.5	16.3	65	+6.36
Amravati	1,213	967.0	-0.1	964.3	91.4	-0.6	116	..	V	70.6	+0.4	52	..	XII	74.3	89.3	65.8	71.1	18.4	+1.3	18.1	63	+4.40
C. P., WEST.																							
Khandwa	1,044	973.2	-0.7	960.5	92.1	-0.2	117	..	V	67.8	+0.8	47	..	XI, XII	73.2	89.5	64.8	69.7	18.0	+1.3	10.2	63	+2.38
Hochangabad	992	975.2	-0.6	971.5	89.9	-0.6	115	..	V	69.4	+0.7	47	..	XII	71.8	87.4	64.7	69.7	18.5	+1.1	17.2	68	+6.42
Sangor	1,808	947.3	-0.3	944.5	86.9	-1.0	113	..	V	67.5	+0.9	43	..	I	71.8	83.4	62.4	65.8	16.2	+0.0	15.2	50	+3.41
Jubbulpore	1,289	964.8	-0.1	961.5	89.5	+1.2	114	..	V	65.3	+1.0	42	..	I, XII	71.7	85.7	64.4	69.3	18.2	+0.6	17.5	69	+4.43
Seoni	2,027	910.7	0	927.8	87.3	-0.1	112	..	V	65.8	+1.1	45	..	XII	72.2	83.6	63.1	67.7	17.6	+1.1	17.1	65	+4.46
Nagpur	1,022	973.9	-0.5	970.4	92.0	-0.1	117	..	V	70.8	+0.7	52	..	XII	75.4	88.8	60.4	70.6	18.0	+0.6	17.6	63	+4.42
C. P., EAST.																							
Gondia	1,026	974.2	..	970.7	90.0	..	115	..	V	69.4	..	48	..	II	74.3	87.5	67.8	71.5	20.0	..	19.5	72	..47
Pendra	2,040	930.6	-0.4	936.8	86.0	+1.6	110	..	V	66.5	+1.0	44	..	I	72.7	81.9	64.5	67.0	18.0	+0.6	17.9	60	+2.51
Champa	805	981.3	..	977.7	91.5	..	117	..	V	70.6	..	51	..	I	74.2	88.7	67.3	71.3	20.1	..	19.0	71	..46
Ralpur	970	975.7	-0.1	972.2	90.9	+0.6	116	..	V	71.2	+1.0	52	..	I, XII	77.0	87.7	68.2	71.0	20.2	+0.0	18.7	65	+1.40
Titlagath	601	954.9	..	981.2	91.7	..	115	..	V	71.9	..	50	..	XII, XIII	75.7	88.3	69.1	72.0	21.9	..	19.7	73	..47
Kanker	1,318	964.3	+0.1	960.0	89.1	+0.4	112	..	V	68.7	+1.0	47	..	XII	75.0	86.4	68.1	73.0	20.0	+1.0	21.0	71	0.53
Chanda	634	987.5	-0.3	983.7	92.2	-0.4	116	..	V	70.6	+1.6	47	..	XII	76.0	89.7	69.0	73.9	21.5	+1.4	21.8	72	+7.60
Segdipur	1,815	947.7	-0.3	944.4	88.0	+0.4	111	..	V	66.5	+1.7	45	..	XII	72.5	83.7	67.2	69.4	21.1	-0.2	19.0	76	+1.52
KONKAN.																							
Sahadu	15	1,009.0	..	1,007.5	87.4	..	98	..	XI	72.0	..	54	..	I	75.2	83.9	72.1	77.0	20.2	..	31.3	86	..72
Bombay	33	1,008.3	-0.7	1,005.9	87.7	+0.9	99	..	IV	74.7	+0.9	62	..										

and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1947—*contd.*

Cloud amount (tenths of sky).		Rainfall, Inches.				Number of rainy days (0-10° or more).		Wind velo- city, miles per hour.		Wind direction—Number of winds during the year from:—																STATION				
Mean, 24 hr. I. S. T.	Departure from normal	Mean, 17 hr. I. S. T.	Total of the year,	Departure from normal,	fall during the year in hours,	Month.	Total in the year,	Departure from normal,	Mean,	Departure from normal,	8 hrs. I. S. T.								17 hrs. I. S. T.											
24	25	26	27	28	29	30	31	32	33	34	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm		
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	53	
..	-0.3	2.7	0.00	-4.53	2.35	VIII	15	-0.8	0.8	-0.3	1	2	1	2	5	73	85	12	179	64	26	6	6	9	86	118	23	GUJARAT.		
3.0	+0.1	3.3	13.93	0	2.36	VIII	17	+1.2	11.8	+2.0	60	62	8	2	2	47	110	55	13	21	21	3	1	0	54	141	124	Deesa. *		
3.8	+1.0	..	23.87	-5.31	3.82	VIII	18	+2.3	7.1	+2.6	13	16	2	3	1	80	98	0	143	..	..	..	..	..	..	..	..	Dwarka.	
3.1	-0.6	2.0	18.27	-6.53	2.82	IX	31	+1.0	9.5	+2.3	11	20	22	11	26	80	72	35	82	38	43	25	10	11	61	94	69	Jamnagar.		
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Rajkot.	
4.5	+0.6	3.7	37.05	-4.62	3.85	IV	40	+2.6	5.1	+0.7	16	43	33	29	21	77	40	16	99	17	21	2	2	20	165	57	62	Veraval. †		
2.9	-0.7	3.6	33.17	-5.05	12.07	IV	35	+0.2	5.1	0	10	3	2	3	27	120	130	17	51	24	52	50	29	50	68	49	23	Surat.		
2.5	-0.8	3.2	25.58	-3.63	2.77	VII	38	+2.0	3.9	-0.1	18	60	45	5	20	61	40	47	63	17	29	10	12	20	60	64	46	Bhavnagar.		
4.3	-0.4	3.3	16.35	-11.80	2.55	VIII	29	-10.2	10.6	+5.2	5	31	41	25	58	85	103	6	28	31	25	16	11	14	91	152	17	Dohad.		
3.6	+0.3	3.4	31.05	-5.83	2.81	IV	41	+1.4	3.8	-0.6	8	25	6	6	14	77	45	10	171	29	22	13	4	10	78	73	48	Baroda.		
..		
4.1	+1.1	4.7	37.53	-6.42	6.93	IX	38	+1.0	6.3	+0.4	17	65	20	7	4	62	97	21	52	10	99	11	0	2	90	86	24	CENTRAL INDIA, WEST.		
3.9	+0.2	4.3	35.03	+3.36	3.27	VIII	52	+0.3	4.1	+0.0	9	23	20	29	3	56	102	15	101	32	50	13	23	12	74	84	39	24	Neemuch.	
4.0	+0.3	4.4	33.93	+2.61	2.18	IX	50	+3.0	4.2	+0.5	0	20	4	13	7	50	96	23	141	18	51	10	0	11	33	120	37	71	Indore.	
2.1	+0.3	3.2	33.26	+5.91	11.73	IX	51	+1.9	4.7	+0.9	0	3	4	22	8	62	56	11	180	23	7	12	8	7	50	85	55	100	Bhopal.	
3.0	..	4.0	41.92	..	5.29	VII	53	..	2.4	..	8	7	8	7	18	27	66	37	167	20	21	15	10	6	18	41	86	120	Guna.	
3.3	..	3.8	41.22	..	2.11	VII	57	..	5.7	..	19	25	9	5	25	139	60	22	59	57	50	14	12	15	43	65	89	20	Madhossgar.	
..		
3.2	-0.3	3.9	42.67	-6.22	4.27	VII	59	+0.0	3.2	+1.2	8	23	0	5	49	140	30	7	88	38	60	6	3	10	77	74	59	30	CENTRAL INDIA, EAST.	
3.0	+0.4	4.2	42.77	-2.03	3.77	IX	56	-0.2	3.3	0	0	8	20	19	16	72	73	17	132	16	26	23	8	4	40	107	80	55	Sutna.	
3.2	-0.4	4.2	61.29	-7.29	10.48	VIII	66	-2.1	3.0	+0.1	12	4	20	29	45	47	62	3	113	60	32	20	8	8	27	117	52	41	Umaria.	
3.6	-0.1	4.1	2.23	-3.62	3.27	IX	49	+5.1	3.7	+1.1	4	26	21	11	11	20	131	35	105	32	63	18	5	13	73	109	37	37	BETAW.	
4.3	+0.6	4.8	47.16	+13.64	5.02	IX	51	+1.5	7.1	+2.3	8	107	6	15	17	26	16	30	1	12	71	8	22	2	101	8	119	2	Amravati.	
4.5	+1.3	5.0	23.17	-7.57	3.29	VII	41	+1.1	..	..	18	20	20	19	26	48	109	31	65	62	42	23	15	16	42	80	72	8	C. P., WEST.
4.4	+0.8	4.8	6.43	+1.97	6.42	IX	51	+1.74	3.2	-0.7	6	46	75	16	22	77	63	4	50	32	31	45	9	13	55	103	29	30	Khandwa.	
4.8	+1.1	5.3	7.95	-3.52	0.27	IX	61	+2.6	9.1	-0.7	11	51	58	46	27	72	80	27	4	41	50	24	11	7	70	91	66	30	Hoshangabad.	
4.1	+0.6	4.5	65.70	+5.15	4.32	VII	63	+3.1	3.9	+1.6	14	11	13	95	32	41	70	8	81	45	74	13	25	16	57	62	48	32	Saugar.	
5.5	-2.0	4.8	68.93	-15.27	8.19	IX	73	+7.6	2.5	+0.4	52	40	9	20	23	37	41	27	102	70	40	32	37	49	38	47	32	Jubbulpore.		
4.5	+0.0	5.2	48.82	-9.12	3.55	VIII	73	+10.1	3.6	+1.3	131	22	11	5	31	32	34	43	36	56	54	37	13	26	30	86	29	34	Neogpur.	
3.7	..	3.9	65.27	..	5.93	VIII	65	..	3.2	..	68	30	19	20	21	66	28	48	81	74	41	18	22	17	66	50	32	32	C. P., EAST.	
4.1	+0.1	4.6	51.15	2.91	3.60	VIII	71	+6.3	4.1	+0.6	60	18	11	16	63	29	27	70	56	113	23	15	18	53	23	27	70	18	Gondia.	
4.3	..	4.5	76.22	..	15.67	VII	72	..	4.5	..	90	33	20	14	8	40	59	60	47	70	22	17	16	18	33	73	90	21	Pendra.	
4.2	+0.6	4.6	85.61	31.29	6.09	VII	71	+6.7	4.2	+0.5	6	59	5	19	2	86	10	37	121	12	119	1	7	1	76	15	58	70	Ralpur.	
4.0	..	4.3	54.42	..	5.36	VIII	76	..	2.5	..	14	15	3	34	67	41	11	6	174	58	45	8	16	33	42	37	57	86	Tillugarth.	
5.9	+1.0	6.4	62.74	-4.61	6.78	VIII	69	+2.9	3.0	+0.4	3	7	1	2	3	72	31	8	234	26	24	4	9	0	70	58	34	12	Kanker.	
4.1	+0.4	4.8	52.18	+0.66	4.12	VIII	63	+0.7	3.9	+0.9	0	24	3	42	2	62	0	96	127	21	40	27	49	3	32	10	68	94	94	Chanda.
4.6	-0.4	5.1	70.49	7.14	3.22	VII	97	+14.6	3.9	+1.3	0	39	0	8	3	131	3	48	137	0	63	0	9	1	140	8	81	61	Jagdishpur.	
5.1	..	4.9	27.35	..	7.01	VIII	64	..	9.6	..	15	21	133	87	7	37	56	6	3	92	1	1	1	2	51	133	76	11	KONKAN	
4.4	+0.1	3.7	27.05	-5.67	10.45	IX	72	+1.7	7.0	-0.6	23	62	51	24	12	25	50	30	31	5	93	..	..	..	..	..	..	..	Dahanu.
4.3	-0.6	..	71.71	-10.63	4.41	IX	65	+1.2	6.4	-1.9	29	53	77	23	6	50	31	5	93	..	..	..	..	..	..	..	Bombay.		
..	..	..	107.61	..	6.93	X	85	..	8.8	..	46	59	79	36	16	39	57	42	0	4	1	0	6	11	62	174	107	0	Alibag.
4.7	..	4.6	75.11	..	4.87	VIII	82	..	10.1	..	12	79	121	23	11	18	41	61	1	5	1	4	2	2	12	97	242	0	Hatnaf.	
4.9	0	6.7	106.49	5.74	6.26	VI	92	-0.8	8.0	+1.5	31	57	106	37	21	22	63	23	0	8	3	3	0	0	45	173	123			

• End of 4.25 class

Sect. 1.3. *Notes*

THE BOSTONIAN

Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.)

STATION.	Pressure at station level, millibars.				Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.				Wet bulb temperature, °F.				Vapour pressure, millibars.				Relative humidity, %.			
	Height of bar, eastern above mean sea level in feet.	Mean 8 hrs. I. S. T.	Departure from normal.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Departure from normal.	Highest during the year.	Month.	Mean 8 hrs. I. S. T.	Departure from normal.	Lowest during the year.	Month.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.	Mean 8 hrs. I. S. T.	Mean 17 hrs. I. S. T.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27		
BOMBAY, DECCAN.																												
Jalgona	680	930.0	..	932.6	94.2	..	118	V	98.2	..	45	I, XII	72.0	92.4	104	73.0	100	..	107	70	..	41						
Malegaon	1,432	900.7	-0.6	950.0	92.2	0	111	V	66.2	+1.0	6	XII	71.0	89.1	64.3	69.3	17.9	-0.8	15.9	65	+4	30						
Ahmednagar	2,154	936.9	-0.7	933.0	90.0	+0.3	109	V	65.2	+1.0	44	I	71.1	86.8	63.4	68.5	17.5	+1.1	16.0	66	+7	40						
Poona	1,831	917.0	-0.3	944.6	89.7	+0.3	107	V	65.7	+1.3	47	I, XII	69.4	86.0	64.8	69.1	19.5	+1.8	17.4	73	+6	44						
Sholapur	1,570	950.9	+0.1	952.0	93.0	+0.3	111	V	69.0	+0.5	31	XII	73.5	89.6	65.8	70.0	18.9	+1.8	17.1	66	+7	39						
Miraj	1,817	949.4	..	944.0	90.3	+1.7	106	V	66.0	+0.9	48	XII	70.7	86.4	65.8	70.6	20.3	-1.0	16.4	77	+5	47						
Kolhapur	1,885	910.5	..	943.3	87.0	..	101	V	66.7	..	50	XII	69.0	84.6	65.2	69.6	19.6	..	18.0	77	..	47						
Bherur	1,950	944.0	+0.5	910.0	90.1	-0.6	105	V	..	..	50	XII	73.3	87.0	66.1	69.0	19.7	+1.1	17.1	69	+2	41					
Beigam	2,662	921.4	-0.2	921.6	81.0	-0.7	100	V	64.1	0	53	I, II, XI	68.1	80.1	64.4	67.9	19.3	+1.0	18.4	82	+6	50						
Cadas	2,131	938.0	0	935.3	88.7	+0.1	105	V	68.4	+0.5	57	XII	73.3	85.8	67.4	71.3	21.0	+1.2	20.6	75	+4	36						
HYDERABAD, NORTH.																												
Turangabad	1,905	945.7	-0.3	942.1	90.7	+0.3	110	V	67.8	+1.3	51	XII	73.0	87.7	65.3	70.4	18.6	+2.5	18.5	67	+8	44						
Parbhani	1,350	962.3	..	958.3	93.2	..	114	V	68.3	..	49	XII	74.0	90.1	66.4	70.9	19.2	..	17.0	64	..	39						
Didar	2,173	936.1	..	932.6	87.2	-1.5	107	V	70.1	+1.6	57	I	74.6	85.2	67.2	69.1	19.0	+0.7	17.0	69	+1	46						
Nizamabad	1,250	900.5	-0.6	962.8	92.0	0	113	V	71.0	+2.1	59	XII	74.7	89.0	67.5	70.4	10.8	+0.3	16.0	69	+3	30						
Peddapalli Δ	755	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
HYDERABAD, SOUTH.																												
Gulbarga ⊗	1,503	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ratnur	1,311	965.2	-0.3	961.3	91.8	-0.7	100	V	72.5	+0.7	59	I, XII	76.0	89.7	69.3	71.7	21.7	+1.0	18.8	71	+4	39						
Hyderabad (Begumpet)	1,778	949.5	0	940.0	90.5	+0.1	109	V	69.0	+1.5	50	XII	73.9	86.6	68.3	71.4	21.6	+1.0	20.2	76	+4	50						
Hanamkonda	881	970.2	-0.5	975.5	92.5	+1.2	114	V	73.1	+1.0	55	XII	70.7	89.7	70.8	72.0	23.3	+1.4	19.0	75	+5	44						
Khammameth	307	997.0	..	992.8	63.0	..	117	V	72.0	..	54	XII	78.5	91.1	73.9	75.7	20.9	..	23.8	60	..	32						
MYSORE.																												
Chitaldrug	2,405	920.5	-0.1	926.0	86.0	-0.8	101	IV	65.2	+0.8	55	XII	71.8	84.3	67.1	69.0	20.9	+1.3	18.0	78	+6	45						
Hassan	3,149	906.0	..	903.2	82.0	-0.9	95	IV, V	64.6	+1.2	52	II, XII	68.4	68.6	65.2	67.8	20.0	+0.5	18.0	84	+5	68						
Bangalore	3,021	909.8	-0.3	906.8	83.2	-0.7	96	V	65.7	+1.7	54	II	68.9	80.4	65.5	66.2	20.1	+0.5	16.8	83	+3	49						
Mysore	2,618	920.1	-0.1	923.1	84.0	-1.7	97	IV	60.9	+0.7	56	I	70.0	82.7	66.7	68.1	21.2	+0.7	17.7	81	+6	48						
MALABAR.																												
Mangalore	72	1,008.4	-0.1	1,005.5	86.7	-0.6	93	I, XI, XII	74.9	+0.5	67	II, XII	78.0	83.5	74.2	76.8	27.3	+0.7	28.5	83	+4	73						
Calicut	27	1,000.7	-0.4	1,006.8	87.4	+0.5	95	V	75.0	+0.4	64	II	77.5	85.4	74.5	78.1	27.0	+0.4	29.3	87	+1	72						
Palghat	319	990.0	..	996.3	80.0	..	102	III	74.5	..	68	XI	77.4	85.9	73.0	75.6	27.1	..	26.0	84	..	61						
Cochin	10	1,010.7	-0.3	1,007.6	85.7	+0.2	91	I, XI	75.9	+0.2	69	I	79.2	83.4	75.6	77.4	28.7	+1.4	29.4	84	+2	70						
Alleppey	12	1,010.4	..	1,007.5	87.6	..	94	III	75.7	..	68	I	79.0	84.1	76.5	77.9	29.9	..	29.8	87	..	76						
Trivandrum	21	1,003.6	-0.2	1,000.7	86.7	..	95	III	74.4	..	68	XII	76.0	83.1	74.5	76.3	28.1	+0.9	28.1	89	+4	73						
Nagerecoil.	105	1,003.0	..	1,000.0	89.2	..	97	IV	75.9	..	71	I, XI, XII	79.1	84.1	73.7	75.7	26.2	..	26.6	77	..	67						
MADRAS, SOUTH-EAST.																												
Pamban	37	1,009.1	+0.1	1,006.0	87.6	-0.2	93	IV, V	76.3	+0.0	73	III, IV, XII	82.5	82.8	77.9	78.2	30.7	+1.2	30.9	81	+1	81						
Madura	437	995.3	-0.2	991.5	92.8	+0.2	103	IV, V	75.3	+1.1	65	XII	80.0	89.0	73.7	75.1	25.7	+1.2	24.0	73	+1	59						
Negapatam	31	1,009.1	-0.2	1,005.0	89.4	-0.6	102	IV	77.1	+0.5	65	II, XII	80.8	85.3	75.3	77.2	27.6	+0.3	28.3	77	0	69						
Trichinopoly	235	1,001.0	0	998.0	92.0	-1.2	105	V	75.0	+0.4	63	II	79.5	90.1	73.0	75.3	26.7	+1.9	23.4	76	+3	49						
Coimbatore	1,341	964.8	-0.4	961.3	88.7	-0.6	97	III, V	71.1	+1.2	60	XII	74.4	85.1	70.3	71.9	23.5	-0.6	20.9	81	-1	52						
Salem	913	979.2	-0.4	974.0	91.9	-0.9	105	V	72.7	+1.1	62	II, XII	75.1	88.3	70.0	73.6	24.1	-0.5	21.6	81	-1	52						
Cuddalore</																												

and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1947—contd.

Cloud amount (tenths of sky.)	Rainfall, inches.						Number of rainy days, (0 to 10* or more)	Wind velocity, miles per hour.	Wind direction—Number of winds during the year from :—														STATION,							
	Departure from normal			Departure from normal					8 hrs. I. S. T.							17 hrs. I. S. T.														
	Mean, 8 hrs. I. S. T.	Departure from normal	Mean, 17 hrs. I. S. T.	Total of the year	Departure from normal	Mean, 8 hrs. I. S. T.	Total of the year	Departure from normal	Mean	Total of the year	Departure from normal	Mean	Total of the year	Departure from normal	Mean	Total of the year	Departure from normal	Mean	Total of the year	Departure from normal	Mean	Total of the year	Departure from normal							
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	
4.0	..	3.9	27.87	-2.05	1.03	VIII	45	-1.9	6.9	..	0	21	52	53	18	41	111	30	30	20	30	30	16	21	18	101	83	4	BOMBAY, DECCAN.	
3.4	0	4.4	28.22	-2.64	4.03	IX	35	-1.3	5.3	-0.6	6	4	1	1	5	82	99	52	111	20	70	26	8	9	45	94	60	24	Jalgao.	
3.1	-1.2	4.0	32.82	-2.15	4.46	IX	45	-0.5	5.9	-0.2	5	8	2	14	0	42	5	210	40	0	60	14	21	12	52	23	153	161	Almendariz.	
4.2	+0.4	4.8	24.13	-2.05	3.64	VII	45	-0.7	3.1	-0.2	1	0	4	2	1	15	126	4	212	6	14	35	6	7	13	190	23	71	Poona.	
4.5	-1.1	3.7	30.73	-2.55	2.31	IX	48	-0.8	6.5	-0.5	35	35	30	37	4	97	19	64	44	38	51	34	31	7	105	34	40	241	Sholapur.	
4.2	-0.1	3.6	21.87	-3.55	2.74	VIII	45	-2.5	7.2	-0.5	18	29	55	8	4	41	97	45	85	23	43	52	16	13	27	140	31	20	Miraj.	
3.7	..	4.2	..	..	..	..	..	..	..	1	24	45	2	3	23	135	11	118	7	48	42	8	2	10	204	23	12	Kolhapur.	
3.6	-0.5	4.6	19.60	-1.02	1.02	VIII	71	-0.1	5.6	-0.1	37	21	14	25	36	67	92	56	17	42	31	36	25	26	48	78	51	8	Bijapur.	
3.7	-0.9	4.5	47.43	-3.00	3.26	VII	88	-7.1	1.1	-0.5	35	13	63	6	10	121	44	2	1	22	47	49	9	26	180	29	3	0	Belgaum.	
5.7	+1.6	6.2	24.29	-3.87	6.75	X	46	-0.3	7.3	-0.2	5	29	56	20	6	75	95	36	30	10	67	70	15	5	57	93	40	8	Gadag.	
HYDERABAD, NORTH.																														
3.6	-1.0	3.7	20.42	-0.13	2.61	IX	55	-1.92	8.0	-0.5	11	50	75	20	10	24	126	14	29	23	32	29	12	24	21	146	37	10	Aurangabad.	
4.2	..	5.2	30.40	-2.08	3.47	IX	51	-2.5	-	-	15	47	49	0	12	31	121	55	23	22	72	29	0	8	23	117	62	20	Parbhani.	
4.6	-0.7	5.9	37.92	-4.18	5.23	VIII	46	-7.0	8.1	-0.1	28	23	26	29	38	67	27	55	10	30	62	50	23	17	57	70	28	8	Bidar.	
3.9	+0.1	4.7	22.03	-1.70	7.19	IX	63	-2.2	6.2	-0.5	6	0	8	25	14	87	48	19	140	55	67	18	28	12	62	41	42	24	Nizamabad.	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Peddapalli.△	
HYDERABAD SOUTH.																														
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	Gulbarga.②	
4.6	+1.3	5.8	21.97	-0.56	2.02	VIII	52	-0.9	8.2	-1.2	6	37	55	80	14	77	59	51	3	10	44	58	85	10	51	20	69	17	17	Rachur.
4.7	-0.3	5.3	37.70	-8.04	3.71	IX	51	-0.7	7.0	-1.1	10	15	15	40	8	17	101	43	116	20	69	65	62	10	31	63	39	14	Hyderabad (Begumpet).	
4.6	-0.1	4.8	21.93	-2.17	2.61	IX	56	-2.2	5.9	-1.0	23	10	5	70	34	13	66	46	33	57	63	10	68	43	17	53	49	7	Hannamandra.	
4.1	..	4.2	21.77	..	6.00	IX	58	..	4.3	..	67	5	34	109	21	30	41	24	36	62	32	36	82	19	35	42	42	13	Khammameth.	
MYSORE.																														
3.5	4.07	6.1	25.04	-0.26	2.44	VIII	51	-1.2	6.1	-0.8	1	0	52	55	2	71	31	13	161	12	39	87	25	4	50	90	30	25	Chitradurga.	
4.0	-0.2	6.0	20.21	-4.77	1.31	X	53	-1.27	5.5	-1.14	4	29	48	51	8	103	52	48	23	9	40	60	40	9	104	45	38	41	Bassan.	
6.8	+1.3	6.2	27.83	+1.77	2.41	X	50	-2.5	7.1	-1.15	3	29	75	57	7	41	30	27	10	27	59	86	30	0	32	68	43	11	Bangalore.	
7.5	4.20	7.1	27.65	-2.18	2.03	X	59	-4.2	6.5	-0.4	7	63	24	6	5	82	11	5	58	18	78	77	12	4	45	103	13	16	Mysore.	
MADRAS.																														
5.7	-4.1	5.6	12.13	-1.16	4.61	VIII	123	-5.2	5.0	-0.2	23	40	187	20	3	17	13	21	26	17	6	0	1	5	58	101	173	5	Mangalore.	
6.3	-1.9	6.7	12.02	+0.56	7.44	VII	123	-7.8	6.7	-1.4	27	131	157	16	6	0	11	22	6	13	3	4	1	4	31	169	117	0	Colicut.	
5.0	..	7.0	72.78	..	2.03	VII	99	..	5.9	..	0	7	87	38	1	51	111	11	26	1	12	79	20	0	20	170	20	4	Palghat.	
7.0	+1.5	6.5	131.26	-16.05	6.13	VII	126	-5.9	6.0	-1.1	15	66	18	25	4	7	21	12	24	8	4	1	3	4	41	198	98	8	Gochin.	
7.3	..	6.6	144.93	..	3.14	VIII	120	..	5.9	..	13	69	109	47	7	7	16	79	58	12	1	1	3	29	158	160	1	Alleppey.		
6.4	-0.4	6.1	12.73	-4.47	3.25	VIII	107	-9.8	4.4	-0.1	012	93	32	17	2	2	9	78	20	11	7	0	1	21	83	117	114	Trivandrum.		
6.6	..	7.4	27.11	..	2.53	X	61	..	7.3	..	20	86	12	0	1	7	106	95	214	7	39	10	10	17	78	158	28	6	Nagercoil.	
MADRAS, South East.																														
5.5	+1.6	4.8	29.60	-7.54	2.90	X	79	-6.5	8.6	0	64	58	21	36	93	72	15	15	1	67	66	18	46	102	57	2	15	6	6	Pamban.
5.8	-0.2	6.4	47.70	+12.33	1.51	IV	52	-1.5	5.7	-0.2	56	31	17	4	1	8	61	57	191	14	68	65	21	17</td						

Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.)

STATION.	Height of bar. & water above mean sea level in feet.				Pressure at station level, millibars.				Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.		Relative humidity, %		
	Mean 8 hrs. I. S. T.		Departure from normal.		Mean 17 hrs. I. S. T.		Mean.		Departure from normal.		Highest during the year.		Mean.		Departure from normal.		Lowest during the year.		Mean 8 hrs. I. S. T.		Mean 17 hrs. I. S. T.		Mean 8 hrs. I. S. T.		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
MADRAS, DECCAN.																									
Cuddapah	428	990.8	+0.1	991.2	94.2	-1.1	112	V	74.0	+0.2	50	XI, XII	82.1	89.9	73.1	74.0	23.8	-0.3	22.8	64	-5	50			
Anantapur.	1,148	970.7	..	966.5	92.0	..	107	V	72.4	..	55	XII	76.8	89.7	69.8	71.5	21.9	..	18.3	69	..	41			
Bellary	1,473	950.9	-0.3	956.0	91.1	-1.8	106	V	72.3	+1.2	60	II, XI, XII	75.8	88.0	68.6	70.8	20.8	+1.4	17.7	69	+5	41			
Tumnool	923	973.0	0	974.2	93.1	-0.6	109	V	72.2	+0.6	51	XII	76.7	90.9	70.0	72.0	22.2	+1.1	18.5	71	+3	40			
Holimalala	318	997.5	..	993.4	94.2	-0.1	110	V	74.4	+0.3	57	XII	78.7	91.9	72.2	74.1	24.3	+0.7	20.7	73	+1	43			
ADRAIS, COAST NORTH.																									
More	66	1,007.1	-0.6	1,003.6	93.6	+0.2	112	V	76.1	+0.6	62	XII	80.1	88.4	74.8	77.1	27.1	+0.0	26.7	78	+2	50			
Ingole.	38	1,008.1	..	1,004.6	92.1	..	112	V	73.8	..	63	II, XII	70.9	87.7	74.4	76.7	26.7	..	20.5	77	..	60			
Masulipatam	10	1,009.2	-0.4	1,005.8	89.2	-0.9	111	V	75.9	+1.4	63	II	79.9	85.8	75.6	76.9	28.5	+0.4	27.7	82	+1	60			
Cocanada	26	1,008.8	-0.1	1,005.4	88.0	-1.3	112	VI	76.7	+0.8	62	XII	81.1	85.1	75.5	76.6	27.0	+0.0	27.7	76	-2	63			
Vizagapatam	126	1,004.8	-0.3	1,001.0	86.5	-0.4	101	IV	75.0	+0.4	62	XII	80.0	83.0	74.4	76.2	26.8	+0.8	23.0	76	+2	72			
Callangapatam	19	1,008.3	-0.3	1,005.3	87.1	-1.2	107	IV	74.5	+0.0	59	XII	77.2	83.4	73.4	76.4	26.0	-0.5	23.2	83	+2	72			
HILL STATIONS EXCLUDING KASHMIR.																									
Shillong	4,021	849.3	-0.1	840.8	70.6	+0.6	80	IV, VII, IX	53.6	+0.1	30	I	63.7	64.6	57.6	59.8	14.5	0	16.2	68	-4	76			
Cherrapunji	4,309	863.5	+0.2	863.0	69.2	+0.3	79	V, VIII, IX	67.8	+0.2	40	I	64.4	64.4	59.6	60.9	16.0	-0.1	17.3	75	-1	82			
Aljal	3,609	..	..	..	..	..	..	..	60.7	..	42	III, XII	60.0	69.5	63.4	65.1	18.0	..	10.0	83	..	60		
Darjiling	7,432	776.5	-0.3	773.6	61.1	+2.5	74	V	48.7	+0.8	30	I	53.9	54.3	51.0	52.2	12.2	0	13.0	83	0	87			
Kallimpong	3,965	878.1	-0.7	875.7	71.5	+1.4	82	5th months	53.3	0	43	I, XII	61.7	65.4	59.4	62.3	17.1	+0.4	18.0	87	+6	83			
Katmandu	4,388	860.9	..	863.6	78.5	+0.8	94	V	53.3	-0.3	31	XII	58.0	71.7	56.0	62.0	15.1	+0.4	16.6	83	+5	61			
Muktsear	7,592	771.1	-0.7	769.7	64.3	+1.3	83	V, VI	49.5	+1.2	29	I	53.3	58.9	46.4	51.4	9.1	+0.1	10.0	61	0	63			
Mussooree	6,090	785.9	..	793.5	65.1	+1.6	83	VI	62.1	+1.6	29	II	67.8	60.8	50.1	53.2	10.3	+0.1	12.1	60	-6	68			
Simla	7,224	730.8	0	729.9	63.7	+1.3	85	V, VI	50.8	+1.4	29	I	50.0	59.0	47.0	51.5	8.4	-0.1	10.3	52	-1	58			
Abu*	3,945	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pachmath	3,528	890.1	0	890.1	79.7	-0.4	104	V	61.4	+0.6	40	XII	66.5	77.2	60.0	61.8	15.7	-0.4	16.2	71	+8	51			
Mahabaleshwar	4,534	862.6	-0.2	860.1	71.7	+0.2	92	IV	61.1	+0.1	52	I	63.1	70.1	57.7	62.9	15.2	-1.4	16.7	73	+3	69			
Mercara	3,781	885.3	-0.4	883.4	73.1	-3.0	68	III	61.9	+0.6	51	XI	64.7	72.4	62.8	66.7	18.8	+0.5	20.0	90	+3	75			
Ootaramund	7,364	780.3	+0.4	778.8	67.1	+1.1	78	V	48.6	-0.5	30	XI, XII	53.0	61.4	50.7	56.6	11.9	-0.8	13.0	66	+12	76			
Coonoor	5,730	826.0	..	..	..	..	..	..	54.8	+0.2	39	II, XII	62.5	..	57.0	..	14.0	+0.6	..	73	+4	..		
Kodallanal	7,688	771.4	+0.6	769.9	63.8	0	74	V	51.5	+0.8	42	XII	55.0	58.1	51.0	55.1	11.3	+0.5	13.8	76	+6	81			
CYLON.																									
Colombo	24	1,010.2	-0.1	1,007.4	86.2	-0.6	92	II	75.0	-0.1	65	II	78.0	82.8	74.9	76.4	28.2	0	25.1	86	-2	73			
Trincomalee	4	1,009.3	+0.1	1,000.2	87.5	-1.3	95	VII	76.7	+0.4	65	II	79.5	84.7	75.1	77.0	27.8	-0.1	25.2	81	-3	69			
Hambantota	61	1,007.7	-0.7	1,004.8	86.3	0	93	IX	75.2	+0.3	69	XII	77.6	82.0	74.9	77.4	28.3	+0.8	22.7	88	0	77			
Matpar	12	1,009.0	..	1,007.0	86.6	..	93	VII	77.6	..	69	II	80.5	83.1	76.4	77.3	29.2	..	29.2	82	..	73			

* Data incomplete hence no means.

and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1947—concl.

† Total for 350 days.

• Total for 361 days.

§ Total for 3d & days.

Total for 362 days.

A Total for 303 days.

312 dat for 317 days.

+ Total for 750 days

Total fat, %

• Total for 6th day.

Table III.—Abstract of observations recorded at 8 hrs. I. S. T. (2-30 hrs.)

STATION AND MONTH.	Height of bar. cistern above mean sea level in feet.	Pressure at station level, millibars.				Maximum temperature, °F.				Minimum temperature, °F.				Dry bulb temperature, °F.		Wet bulb temperature, °F.		Vapour pressure, millibars.		Relative humidity, %					
		Mean 8 hrs. I. S. T.		Departure from normal.		Mean 17 hrs. I. S. T.		Mean 6 hrs.		Departure from normal.		Mean 17 hrs. I. S. T.		Mean 17 hrs. I. S. T.		Mean 17 hrs. I. S. T.		Mean 17 hrs. I. S. T.		Mean 17 hrs. I. S. T.					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
STYCHELLES, (Indian Ocean.)	15																								
(10 and 16 hrs. L. M. T.)																									
January	1,010.0	-1.3	1,007.9	83.8	+0.7	86		17	74.8	-1.2	70		16	81.9	81.6	75.5	75.5	27.5	-1.2	27.5	73	-1.7	74		
February	1,011.5	-0.6	1,008.2	84.5	+0.6	87		28	74.2	-2.5	72		10	82.5	83.3	76.0	76.1	28.7	0	27.5	73	-1.5	73		
March	1,011.6	-0.1	1,008.6	86.6	+1.6	89		5	74.8	-2.4	72		4	81.2	83.7	77.4	77.2	29.0	-0.1	29.0	72	-4	74		
April	1,011.0	-0.4	1,008.0	87.5	+1.5	89	7 days	74.6	-2.0	72		6	85.4	84.0	77.5	77.9	28.9	-0.7	29.5	70	-6	72			
May	1,011.5	-0.3	1,008.7	86.5	+1.4	91		2	75.2	-2.3	72		2	84.0	82.9	77.0	77.0	28.5	-0.5	29.3	73	-3	73		
June	1,012.2	-0.4	1,009.4	84.2	+1.6	87		6, 13	75.5	-0.9	71		12	81.9	82.6	75.5	76.0	27.2	+0.3	27.7	69	-7	73		
July	1,012.0	-1.4	1,009.6	82.5	+1.4	84		4 days	74.9	-1.0	69		10, 6	80.6	80.2	74.4	74.6	26.2	+0.7	26.8	73	-3	76		
August	1,013.4	-0.1	1,010.7	81.2	-0.3	82		7 days	73.6	-1.6	71		16	79.2	79.4	73.1	73.2	25.1	-0.4	25.1	73	-2	71		
September	1,013.9	+0.2	1,010.7	81.7	-0.2	83		4	72.2	-3.0	69		1, 29	79.2	80.2	73.0	73.0	25.0	-1.5	25.8	73	-3	75		
October	1,013.2	+1.9	1,011.0	82.5	-0.4	84		5	73.2	-2.4	69		20	80.4	80.8	74.3	74.7	26.3	-1.0	26.6	73	-3	74		
November	1,013.4	+0.0	1,010.2	83.2	-0.5	85		1	72.4	-2.8	70		2, 7	80.0	81.1	75.2	75.4	27.3	-0.7	27.5	73	-2	70		
December	1,011.9	-0.2	1,008.8	82.1	-0.7	86		5	73.5	-0.9	71		27	70.8	80.5	75.3	75.4	28.0	-0.3	28.2	80	+1	70		
Year	1,012.4	-0.1	1,009.4	83.9	+0.6	91		V	74.0	-2.1	69	VII, IX, X	81.4	81.8	73.4	73.6	27.3	-0.5	27.6	73	-1.4	73			
MINCOTY, (Arabian Sea.)	6																								
January	1,011.1	-1.4	1,008.5	86.1	-1.0	90		30	72.0	-0.1	69		7 days	77.5	80.2	74.5	76.5	27.8	-1.5	26.1	87	+10	73		
February	1,011.4	-1.1	1,008.6	86.0	+0.6	90		15	73.7	-1.0	68		7	77.6	80.5	73.9	76.0	26.8	-3.0	27.2	83	+6	69		
March	1,011.2	-0.4	1,008.4	87.4	+1.1	90		30	77.5	+0.6	73		4, 6	81.6	85.0	76.4	77.5	28.7	-2.5	28.8	78	+3	70		
April	1,009.5	-0.7	1,006.9	87.5	0	90		15	78.7	-0.9	73	13, 14, 23	82.7	85.0	76.5	77.5	23.4	-3.0	29.8	75	0	70			
May	1,009.2	0.4	1,006.7	88.5	+0.2	90		4 days	78.9	-0.3	74		9	83.6	86.4	78.4	79.1	30.9	-2.7	30.6	79	0	71		
June	1,011.7	0.5	1,007.0	80.7	+0.7	89		5	78.6	+1.3	74		8	82.6	83.8	78.0	78.7	30.7	-2.6	31.2	81	-3	70		
July	1,005.8	-0.9	1,007.0	80.2	+1.2	88		0 days	77.5	+0.6	73		20	81.5	83.5	77.3	78.0	30.1	-1.0	30.3	82	0	77		
August	1,008.9	-1.0	1,007.0	83.6	-1.3	87		1, 4	75.7	-1.4	73		4 days	70.6	81.2	76.4	77.0	29.5	-1.0	29.8	85	+3	82		
September	1,010.8	-0.1	1,008.3	84.0	-1.0	86		4, 5, 6	76.3	-0.8	72		7, 8	79.5	81.1	73.6	76.3	28.3	-3.3	28.8	83	+1	70		
October	1,012.4	+1.2	1,009.7	84.0	-0.4	87		20, 29	75.8	-0.1	69		27, 28	80.0	82.1	73.4	75.8	28.0	-3.1	27.6	80	0	71		
November	1,012.7	+1.3	1,010.0	86.0	+0.0	90		24	74.0	-0.3	67		7, 8	80.4	83.1	75.5	75.0	27.9	-3.5	27.9	70	-2	71		
December	1,011.1	-0.0	1,008.6	85.9	+0.5	87		11 days	73.1	-0.9	70		4 days	78.7	82.8	74.8	75.0	27.7	-2.1	27.6	83	+6	71		
Year	1,010.5	-0.4	1,008.1	86.1	+0.3	90		6 months	76.1	-0.2	67		XI	80.5	83.4	76.1	77.0	28.7	-2.6	28.8	81	+2	74		
ABUJI DIVL. (Arabian Sea.)	13																								
January	1,011.5	..	..	85.7	+1.7	92		24	73.9	+1.6	69		26	80.1	..	76.0	..	28.8	+2.9	..	82	+6	..	
February	1,011.7	..	..	90.7	+2.7	95		23, 26	77.1	+1.0	73		6	80.6	..	75.1	..	27.3	+1.0	..	76	0	..	
March	1,011.2	..	..	92.1	+2.3	96		29, 29	79.1	+1.4	73		3	83.5	..	77.1	..	28.0	+0.9	..	75	-1	..	
April	1,009.1	..	..	88.5	-3.0	95		28, 29	70.7	-0.1	75	3, 4, 13	83.7	..	77.5	..	20.4	-0.2	..	75	+1	..		
May	1,008.9	..	..	91.9	+0.7	91		31	81.7	+0.6	73		10	85.5	..	78.7	..	30.4	-0.2	..	73	-3	..	
June	1,007.7	..	..	87.2	+0.2	96		1	79.9	-1.3	73		3	83.5	..	78.8	..	31.5	-0.5	..	81	-4	..	
July	1,007.7	..	..	81.9	-0.5	87		5 days	77.9	-0.4	73	6, 7, 13	82.0	..	78.0	..	30.9	-0.3	..	83	-3	..		
August	1,007.7	..	..	83.6	-1.7	87		2, 14	76.8	-0.7	74	8, 12, 16	80.3	..	77.1	..	30.3	-0.1	..	80	0	..		
September	1,009.5	..	..	81.6	-1.0	86		7 days	77.9	-0.5	75		8, 21	80.7	..	76.3	..	29.0	-0.4	..	81	-3	..	
October	1,011.8	..	..	87.6	+1.5	91		30	77.7	-0.7	72		28	81.1	..	76.4	..	29.4	-0.3	..	70	-3	..	
November	1,012.4	..	..	80.9	-3.0	95		13	75.8	-0.4	69		8	81.0	..	75.7	..	27.7	-0.2	..	73	-3	..	
December	1,011.1	..	..	90.2	+3.1	93		9, 15	75.0	-0.8	71	5, 30	80.0	..	75.2	..	27.7	+1.7	..	70	+7	..		
Year	1,010.0	..	..	84.3	+0.7	95		V	77.8	-0.6	69	I, XI	81.0	..	76.8	..	29.2	-0.5	..	70	0	..		

G. M. T.) and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for each month and the year 1947.

Cloud amount, (tenths of sky).	Rainfall, Inches.						Number of rainy days, (0 10° or more).	Wind velocity, miles per hour.	Wind direction—Number of winds from:—														STATION AND MONTH.							
	8 hrs. I. S. T.								17 hrs. I. S. T.																					
	Mean I. S. T. hrs.	Departure from normal.	Total of the month.	Departure from normal.	Heaviest fall in the month.	Date.	Total in the month.	Departure from normal.	Mean.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm	N	NE	E	SE	S	SW	W	NW	Calm		
24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	
SEYCHELLES, (Indian Ocean.) (10 and 16 hrs L. M. T.)	5.8	6.9	5.60	-10.40	3.75	7	9	-6.1	8.3	..	5	2	1	1	1	0	4	15	2	4	1	1	0	0	5	16	3	January.		
	6.2	-0.2	6.7	3.62	-1.90	1.38	24	8	-2.1	5.8	1	4	2	1	0	0	3	15	2	5	2	0	0	1	0	4	15	3	February.	
	6.3	+0.7	6.9	12.01	-2.20	2.18	12	13	+3.0	4.9	3	4	4	3	1	0	2	12	2	2	5	2	2	1	1	3	13	4	March.	
	6.2	+0.9	6.6	5.94	-1.78	1.57	22	10	-0.3	3.4	0	4	0	4	1	0	0	3	0	2	1	2	5	4	1	4	4	7	April.	
	7.1	-1.9	7.6	14.41	-1.793	0.44	8	15	-3.5	7.6	0	1	0	13	3	0	1	2	2	0	0	0	6	6	3	1	5	2	May.	
	7.7	+1.8	7.8	6.82	-2.32	1.06	13	15	-4.6	2.4	0	0	4	18	7	1	0	0	0	0	0	4	10	7	2	0	0	1	June.	
	7.1	+1.2	8.1	2.42	-0.60	0.31	30	10	+2.5	1.0	0	0	8	17	2	2	0	1	0	0	1	7	16	4	2	0	0	1	July.	
	7.1	-1.3	7.7	1.03	-1.12	0.21	26	4	-1.9	1.7	0	0	9	16	3	1	0	0	0	0	0	8	16	6	1	0	0	0	0	August.
	6.5	-0.6	6.7	0.63	-1.09	0.22	9	2	-5.6	1.1	0	2	6	14	5	2	0	1	1	0	1	7	13	7	1	0	0	1	1	September.
	6.1	-0.6	6.6	1.53	-1.22	0.42	20	6	-1.9	1.6	1	1	12	15	2	0	0	0	2	2	1	8	10	2	0	0	1	1	1	October.
	6.2	-0.2	7.1	13.53	-0.07	4.0	2	15	+3.1	4.2	1	1	7	4	1	1	2	4	0	2	5	3	3	1	0	3	6	7	November.	
	6.4	+1.4	7.8	14.72	-1.10	1.50	11	23	-2.7	0.6	3	0	2	3	0	0	5	15	3	3	2	1	2	1	0	4	16	2	December.	
	6.8	+1.9	7.2	8.11	-11.34	0.44	3	130	+0.4	0.6	14	19	72	107	29	7	17	65	32	16	17	40	92	10	11	24	76	12	Year.	
MEXICO, (Arabian Sea.)	5.6	-1.4	5.9	0.20	-1.33	0.10	5	1	-1.6	3.5	0.8	2	10	6	3	1	0	0	0	0	0	8	2	1	0	0	1	1	January.	
	5.8	-0.7	4.0	0.13	-0.58	0.11	22	1	-0.2	4.2	-0.4	9	8	3	1	0	0	0	1	6	13	7	2	0	0	0	4	February.		
	4.6	-1.1	4.3	1.13	-0.27	1.02	11	1	-0.5	4.3	-0.1	13	3	0	0	1	2	1	7	4	16	0	0	1	0	10	0	March.		
	5.0	-0.7	4.5	3.10	-2.89	2.42	13	5	-1.5	6.4	-0.6	1	0	0	0	0	2	11	12	1	6	0	0	0	0	13	11	0	April.	
	5.7	-0.3	3.7	3.56	-1.14	2.20	31	6	-2.7	1.0	-2.6	3	0	0	0	1	3	8	14	2	4	0	0	0	1	1	6	10	0	May.
	5.4	-1.4	9.4	8.41	-3.16	1.21	10	17	0	9.7	-2.1	0	0	0	0	0	2	18	10	0	1	0	0	0	1	10	0	June.		
	5.0	-1.4	5.2	11.25	-2.40	2.82	20	13	-0.7	0.4	-2.3	1	0	0	0	0	3	10	8	0	0	0	0	0	0	3	20	8	July.	
	5.3	-1.4	5.1	17.76	-9.95	4.86	7	18	-6.2	10.1	-0.4	0	0	0	0	0	0	16	14	1	0	0	0	0	0	0	17	14	0	August.
	5.8	-2.6	5.9	7.41	-1.19	1.81	7	16	-5.7	8.9	-0.1	0	0	0	0	0	0	21	9	0	0	0	0	0	0	1	17	12	0	September.
	5.9	-0.6	5.5	2.67	-4.62	0.64	0	9	-1.6	6.2	-0.4	4	1	0	0	0	1	9	12	4	0	1	0	0	0	0	10	18	2	October.
	5.7	-0.3	5.3	2.03	-3.45	0.69	19	5	-2.7	3.7	-1.3	5	6	2	1	0	0	0	2	14	8	5	2	0	0	0	0	6	4	November.
	5.3	+0.4	5.2	2.29	-1.05	0.47	22	6	-1.7	3.2	-1.0	4	2	2	4	3	1	1	1	16	9	7	3	0	1	1	1	4	5	December.
	5.0	+1.0	6.2	4.25	-0.84	4.80	VII	6	-3.0	6.3	-0.8	45	30	13	6	6	11	101	90	57	66	29	18	6	4	7	107	116	12	Year.
ARABIAN SEA, (Arabian Sea.)	4.5	-0.9	..	1.25	-0.62	0.90	7	2	-0.9	3.5	-0.3	7	15	0	0	0	0	1	2	6	..	..	..	..	..	..	..	..	..	January.
	4.6	-0.6	..	0.50	-0.62	0.53	14	1	-0.7	4.6	-0.7	13	3	0	0	0	0	0	12	9	..	..	..	..	..	..	..	..	..	February.
	4.2	-1.4	..	0.76	-0.60	0.52	28	2	-1.6	3.9	-0.8	11	6	0	2	1	1	0	16	0	..	..	..	..	..	..	..	..	..	March.
	5.2	-0.9	..	3.43	-0.70	1.80	14	7	-5.8	7.3	-1.6	0	2	0	1	1	3	6	17	0	..	..	..	..	..	..	..	..	..	April.
	5.1	-0.5	..	1.16	-3.19	0.60	10	3	-1.8	7.3	-0.3	0	0	0	0	0	0	6	24	1	..	..	..	..	..	..	..	..	..	May.
	5.7	+1.3	..	20.27	-5.76	4.92	6	13	-2.8	3.0	-0.4	0	0	0	1	0	1	20	5	0	..	..	..	..	..	..	..	..	..	June.
	5.6	+1.3	..	12.61	0.63	2.18	13	21	-4.6	3.2	-1.3	0	0	0	0	0	10	16	4	1	..	..	..	..	..	..	..	..	..	July.
	5.6	+1.3	..	21.99	14.23	4.06	16	10	-1.7	18.5	-5.4	0	0	0	0	0	1	21	0	0	..	..	..	..	..	..	..	..	..	August.
	5.9	-1.6	..	5.49	-0.46	1.69	8	12	-4.19	13.1	-7.1	1	0	0	0	0	6	13	10	0	..	..	..	..	..	..	..	..	..	September.
	6.3	-0.2	..	8.18	-2.65	1.16	20	7	-1.6	8.5	-2.3	3	2	0	0	0	0	8	15	7	..	..	..	..	..	..	..	..	..	October.
	5.0	-1.9	..	1.12	-1.90	1.10	13	1	-3.9	3.7	-0.1	0	7	2	0	0	0	6	4	1	..	..	..	..	..	..	..	..	..	November.
	5.0	-0.7	..	0.06	-1.43	0.06	29	0	-2.0	3.1	-0.1	12	4	0	0	0	0	0	5	10	..	..	..	..	..	..	..	..	..	December.
	5.0	+0.6	..	71.90	14.02	4.01	VI	18	-4.00	8.3	+10	56	33	2	4	2	23	66	123	21	..	..	..	..	..	..	..	..	..	Foot.

Table III.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.)

STATION AND MONTH	1	2	Height of bar. station above mean sea level, in feet.	Pressure at station level, millibars.			Maximum temperature, °F.			Minimum temperature, °F.			Dry bulb temperature, °F.			Wet bulb temperature, °F.			Vapour pressure, millibars.			Relative humidity, %										
				Mean, 8 hrs. I. S. T.	3	4	Departure from normal.	Mean, 17 hrs. I. S. T.	5	6	7	Departure from normal.	8	9	Date.	10	11	Departure from normal.	12	13	Date.	14	15	Mean, 8 hrs. I. S. T.	16	17	Mean, 17 hrs. I. S. T.	18	19	Mean, 8 hrs. I. S. T.		
LUHSA.* (Tibet.)	12,000			627.7	..	..	..	43.0	..	52	10	18.0	..	5	15	22.3	..	20.8	..	3.2	..	..	..	..	..	..	..	..	..	..	..
January	627.7	..	..	..	48.0	..	67	16	19.3	..	9	1	28.6	..	26.9	..	4.4	..	..	..	..	..	..	..	..	..	..	..	..
February	629.4	..	..	..	54.0	..	69	20	26.8	..	21	9.17	35.5	..	33.6	..	6.1	..	..	..	..	..	..	..	..	..	..	..	..
March	629.0	..	..	..	64.7	..	76	25	36.8	..	26	30	40.0	..	46.5	..	9.9	..	..	..	..	..	..	..	..	..	..	..	..
April	632.2	..	..	..	64.2	..	70	21.22	40.3	..	29	1	53.7	..	40.1	..	10.4	..	..	..	..	..	..	..	..	..	..	..	..
May	628.1	..	..	..	76.3	..	83	22	40.2	..	37	4	60.0	..	57.9	..	15.4	..	..	..	..	..	..	..	..	..	..	..	..
June	628.0	..	..	..	81.0	..	83	15	40.2	..	47	14	58.0	..	55.0	..	14.3	..	..	..	..	..	..	..	..	..	..	..	..
July	633.0	..	..	..	71.9	..	80	10	47.1	..	44	22	56.7	..	53.3	..	12.8	..	..	..	..	..	..	..	..	..	..	..	..
August	634.1	..	..	..	72.6	..	77	4	45.2	..	40	18	56.3	..	52.7	..	12.3	..	..	..	..	..	..	..	..	..	..	..	..
September	631.0	..	..	..	63.3	..	72	3	34.7	..	20	31	49.1	..	46.3	..	9.6	..	..	..	..	..	..	..	..	..	..	..	..
October	632.0	..	..	..	52.0	..	61	8	23.1	..	17	17	35.4	..	32.0	..	5.0	..	..	..	..	..	..	..	..	..	..	..	..
November	630.0	..	..	..	51.1	..	60	17.16	19.2	..	11	26	30.2	..	27.8	..	4.1	..	..	..	..	..	..	..	..	..	..	..	..
December	630.5	..	..	..	61.0	..	83	VI, VII	33.7	..	5	I	44.7	..	42.0	..	9.0	..	..	..	..	..	..	..	..	..	..	..	..
Year	630.5	..	..	..																						

* Aneroid barometer in use.

Table IV.—Abstract of observations recorded at 8 hrs. I. S. T. (2-30 hrs. G.M.T.) at 4th Class Stations for the year 1947.

STATION.	Maximum temperature, °F.			Minimum temperature, °F.			Mean dry bulb temperature, I. S. T., °F.			Mean wet bulb temperature, I. S. T., °F.			Vapour pressure, Millibars.			Relative Humidity %			Rainfall—Inches.			Number of rainy days (6 10° or more).			Wind.					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26				
ASSAM.																														
Lumding	..	..	..	..	..	..	..	65.9	+1.1	40	I	76.0	70.0	23.8	+0.5	73	-13	..	54.25	+2.94	4.25	IX	77	1.51	..	..	..	..
KASHMIR.																														
Jammu*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kargil*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
MYNORE.																														
Palphonur	50.2	-0.1	92	II, IV	63.7	+0.4	51	XII	67.8	65.7	20.9	+0.8	90	-7.1	..	99.56	-3.31	3.47	VIII	115	-6.5
Tirth.																														
Yatung (Chumbi)	43.1	+1.0	71	VI, VII, IX	25.2	+2.0	10	I	43.4	42.4	10.0	+1.3	63	+6	49	29.06	-9.03	1.21	VII	94	+2.5

* Data not available, hence no mean.

and 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for each month and the year 1947—concl.

Table V.—Abstract of observations recorded at 8 hrs. I. S. T. (2-30 Hrs. G. M. T.) at 5th Class Stations for the year 1947.

*Data not available for complete year, hence to annual totals.

Table VI.—Abstract of observations recorded at 12-30 hrs. I. S. T. (7 hrs. G. M. T.) and corrected daily means at 13 First Class Stations in India during each month and the year 1947.

Station, height of barometer cistern above mean sea-level in feet and month.				Pressure at Station level, millibars.		Temperature of air °C.			Wet bulb temperature °C.			Vapour pressure, millibars.			Relative humidity %			Wind direction at 12-30 hrs. (I. S. T.)								
				Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	calm		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
CALCUTTA (21)																										
January	1,013.0	1,013.0	-0.7	76.0	67.0	+1.7	64.2	60.6	+1.8	15.1	15.5	+1.4	48	71	+2	2.5	10	7	3	1	0	0	0	8	2	
February	1,012.3	1,012.1	-0.5	63.0	72.0	+1.7	66.1	63.1	+1.1	14.4	15.3	-0.5	37	61	-3	2.3	2	2	0	1	2	3	5	6		
March	1,009.3	1,009.2	+0.1	91.0	81.5	+2.2	73.5	72.1	+2.0	20.2	22.5	+1.3	40	64	-1	2.8	1	0	0	1	5	12	6	5	1	
April	1,003.8	1,003.5	-2.1	98.5	88.6	+3.5	79.8	78.0	+1.7	26.8	27.7	+1.1	43	60	-2	1.6	0	0	1	0	6	18	1	1	3	
May	1,003.0	1,002.6	0	95.6	88.4	+2.8	82.8	80.6	+2.0	32.4	32.5	+0.4	58	72	0	4.4	0	0	0	0	10	15	0	0	0	
June	997.6	997.6	-1.1	91.5	87.0	+2.4	83.2	81.0	+1.1	35.4	34.1	+1.8	70	81	+1	7.1	6	3	6	4	6	7	1	0	3	
July	997.3	997.3	-1.2	88.0	84.6	+1.5	81.3	80.0	+0.2	33.6	33.4	+0.0	75	85	0	8.5	0	0	2	5	7	12	4	0	1	
August	1,001.0	1,000.8	+0.6	87.7	84.2	+1.6	81.5	80.1	+0.5	34.1	33.6	+1.1	77	87	+1	8.1	0	1	5	5	7	4	2	1	6	
September	1,003.4	1,003.4	-0.2	88.5	84.8	+1.7	81.3	79.9	+0.8	33.1	33.1	+1.2	73	83	+1	7.9	0	0	6	3	8	8	1	0	4	
October	1,008.7	1,008.0	+0.3	80.5	81.4	+1.0	70.6	75.3	+0.2	27.0	27.0	+1.0	63	81	+1	7.0	2	1	2	2	2	3	4	5	10	
November	1,012.7	1,013.2	+0.4	85.4	75.3	+2.6	69.5	67.5	+1.5	17.5	19.4	+0.5	42	71	-1	3.0	8	1	2	0	1	0	1	0	8	
December	1,013.7	1,014.1	-0.0	77.9	68.0	+2.4	65.2	61.4	+3.2	15.5	15.8	+1.5	48	71	+2	3.0	13	1	1	0	0	1	0	6		
Year	1,000.4	1,000.4	-0.5	87.6	80.2	+2.1	75.4	73.3	+1.3	25.4	25.0	+1.2	56	75	0	4.9	30	16	30	21	59	81	20	40	50	
NEW DELHI (714)																										
January	991.3	990.6	..	60.4	55.2	..	53.3	47.0	..	8.2	8.0	..	37	58	..	2.0	2	1	0	2	2	0	7	13	4	
February	989.0	988.6	..	72.1	61.4	..	58.7	53.2	..	8.9	8.8	..	34	49	..	3.2	3	1	2	2	1	1	7	11	0	
March	985.8	984.9	..	85.9	73.3	..	63.1	61.7	..	10.2	10.7	..	23	40	..	3.8	2	1	4	1	3	2	3	10	5	
April	980.4	979.1	..	98.1	86.0	..	65.7	61.7	..	7.0	8.1	..	11	21	..	1.1	3	2	1	1	2	4	6	11	0	
May	977.0	976.0	..	103.0	92.2	..	73.2	69.3	..	14.0	13.8	..	20	30	..	1.3	8	3	3	1	2	0	3	10	1	
June	972.7	971.5	..	102.8	96.2	..	77.4	74.8	..	20.7	20.1	..	30	37	..	1.0	3	1	2	1	0	0	8	14	1	
July	972.3	971.3	..	95.4	89.7	..	79.0	70.0	..	23.1	23.6	..	51	59	..	7.3	1	1	9	4	1	4	6	4	1	
August	970.8	975.8	..	91.7	86.4	..	70.7	78.1	..	20.2	29.2	..	38	69	..	8.6	1	0	10	3	1	3	3	1		
September	978.0	977.0	..	86.0	82.8	..	78.8	76.9	..	20.0	30.0	..	70	81	..	8.0	1	0	3	3	1	5	4	4	3	
October	980.0	986.4	..	86.3	75.8	..	67.3	64.2	..	14.8	15.8	..	35	54	..	1.3	4	2	2	0	0	1	1	17	4	
November	990.6	989.0	..	81.5	68.3	..	62.4	57.3	..	10.7	11.3	..	29	51	..	1.2	5	2	0	0	1	0	3	15	4	
December	991.9	991.0	..	70.1	59.1	..	50.3	51.0	..	9.5	9.6	..	38	60	..	2.7	3	1	1	7	2	1	2	11	1	
Year	982.9	981.9	..	80.7	77.1	..	67.8	64.5	..	16.0	16.2	..	37	51	..	3.4	36	27	37	25	16	21	53	125	25	
SRINAGAR (5,205)																										
January	846.9	846.2	+0.0	28.2	25.2	-5.5	26.7	..	..	4.4	4.1	..	83	97	..	9.3	3	1	0	7	2	0	4	9	5
February	845.2	844.3	+0.8	40.0	35.0	-1.2	37.1	..	..	6.3	5.9	..	73	84	..	6.7	4	1	6	1	1	4	6	10	
March	843.0	842.7	+0.3	55.0	49.1	-3.7	48.2	..	..	9.2	8.7	..	63	76	..	5.7	3	3	0	5	1	2	2	5	
April	840.6	840.0	-1.7	67.8	58.6	-2.8	56.0	..	..	11.1	10.6	..	48	61	..	3.5	0	0	2	3	0	3	2	12	
May	840.5	839.0	+0.7	73.4	65.4	-1.3	60.5	..	..	13.5	13.6	..	50	65	..	4.5	2	0	2	3	0	5	0	10	
June	836.3	835.7	+0.2	78.4	70.5	-0.1	63.0	..	..	15.1	15.4	..	47	60	..	4.0	0	0	0	2	2	1	2	9	
July	833.0	832.4	-0.6	84.4	74.1	+0.6	68.1	..	..	18.4	18.4	..	49	63	..	3.9	2	1	0	1	0	2	3	7	
August	830.3	833.5	+1.5	82.2	75.0	+3.0	69.4	..	..	20.1	18.5	..	55	69	..	5.4	2	1	2	5	2	3	0	4	
September	837.7	837.0	-1.0	70.4	70.3	+4.7	66.0	..	..	17.2	16.4	..	51	67	..	3.7	1	0	2	4	0	1	2	4	
October	843.9	843.3	-0.1	65.7	54.8	+0.1	53.5	..	..	9.7	9.3	..	46	67	..	2.6	4	0	0	3	1	3	2	8	
November	843.6	844.2	-1.2	54.0	45.4	+0.3	47.1	..	..	7.0	6.4	..	44	63	..	1.9	4	4	0	1	2	1	1	3	
December	840.5	845.8	-0.5	41.4	37.1	-0.7	29.0	..	..	6.2	5.5	..	72	83	..	6.0	2	2	1	2	4	3	2	8	
Year	841.0	840.6	-0.2	62.6	55.1	+1.2	53.0	..	..	11.5	10.4	..	50	71	..	4.8	28	13	0	37	16	25	24	89	

Table VI.—Abstract of observations recorded at 12-30 hrs. I. S. T. (7 hrs. G. M. T.) and corrected daily means at 13 First Class Stations in India during each month and the year 1947—contd.

Station, height of barometer elevations above mean sea-level in feet and month.	Pressure at Station level, millibars.			Temperature of air °F.			Wet bulb temperature °F.			Vapour pressure, millibars.			Relative humidity %			Cloud amount.			Wind direction at 12-30 hrs. (I. S. T.) Number of winds from								
	Mean (12-30 hrs.)	Mean of daily means.	Departure from normal.	Mean (12-30 hrs.)	Mean of daily means.	Departure from normal.	Mean (12-30 hrs.)	Mean of daily means.	Departure from normal.	Mean (12-30 hrs.)	Mean of daily means.	Departure from normal.	Mean (12-30 hrs.)	Mean of daily means.	Departure from normal.	Mean (12-30 hrs.)	Mean of daily means.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
JODHPUR (736).																											
January	990.6	989.8	..	71.4	69.5	..	58.0	49.0	..	7.5	6.6	..	20	40	..	21	1	6	10	4	0	1	1	0	8		
February	989.1	987.9	..	78.7	77.6	..	57.3	52.3	..	6.5	6.4	..	20	32	..	21	3	6	2	9	2	1	0	3			
March	986.3	985.1	..	85.7	77.4	..	64.4	54.3	..	7.5	7.2	..	17	25	..	1.2	4	1	1	2	12	4	1	5			
April	982.1	980.4	..	96.9	85.1	..	67.9	61.6	..	9.0	10.4	..	18	26	..	1.2	1	1	0	3	1	6	15	1	2		
May	979.0	977.9	..	100.1	91.6	..	71.1	67.6	..	12.0	12.6	..	16	26	..	0.1	0	3	0	0	0	10	13	3	3		
June	974.6	974.3	..	97.3	91.9	..	76.3	74.7	..	21.3	21.4	..	35	45	..	0.7	0	0	0	0	0	24	9	0	0		
July	973.0	972.1	..	94.0	90.2	..	77.1	73.9	..	24.2	24.3	..	46	53	..	4.7	0	1	1	0	0	15	11	1	2		
August	976.9	976.0	..	91.0	86.3	..	77.8	76.8	..	27.6	27.6	..	62	69	..	7.7	0	2	0	2	2	12	8	1	4		
September	970.4	978.1	..	86.3	82.1	..	76.3	74.7	..	26.6	26.6	..	62	74	..	6.7	1	2	3	2	0	13	3	1	5		
October	960.1	953.5	..	88.7	77.8	..	64.6	63.4	..	15.2	14.6	..	30	47	..	0.8	0	1	0	0	2	8	6	2	12		
November	959.2	959.0	..	86.4	71.0	..	63.3	57.5	..	9.7	9.4	..	21	41	..	1.3	1	1	1	2	0	0	2	22			
December	950.3	939.9	..	75.1	61.7	..	58.3	52.6	..	9.0	8.7	..	31	43	..	1.6	2	15	4	1	1	2	1	0	6		
Year	953.2	952.3	..	87.0	79.6	..	67.7	64.1	..	14.9	14.6	..	32	43	..	2.6	13	30	22	23	12	102	72	12	70		
JAIPUR (1,472).																											
January	966.5	965.9	-0.3	61.0	56.5	-2.5	52.6	47.7	..	7.1	7.2	..	22	31	..	21	2	3	2	6	4	2	2	6	4		
February	965.4	964.3	-0.6	73.1	65.4	-4.0	53.7	51.3	..	6.5	6.1	..	23	40	..	1.9	1	4	4	1	4	2	7	1			
March	962.3	961.1	-0.8	87.1	75.7	-12.4	61.4	57.4	..	7.7	7.0	..	17	39	..	2.5	3	0	1	3	1	7	7	2			
April	958.2	957.0	-1.3	97.7	83.3	-10.5	67.6	62.6	..	7.3	5.6	..	12	24	..	1.5	1	0	0	1	2	6	11	5	1		
May	955.4	954.1	-0.1	104.0	92.5	-12.2	69.6	61.4	..	4.2	9.2	..	11	21	..	1.0	0	0	1	1	0	6	15	8	0		
June	951.0	950.3	-0.4	101.8	92.5	-13.9	73.5	73.1	..	18.1	18.5	..	26	37	..	2.2	1	0	0	0	4	11	7	6	1		
July	949.9	947.3	-3.2	91.3	65.3	-4.2	77.0	73.6	..	23.8	24.0	..	44	51	..	3.7	3	1	3	1	1	0	13	9	0		
August	951.0	951.0	-0.3	86.5	41.5	-10.3	77.9	76.3	..	28.7	28.6	..	64	79	..	7.0	6	1	4	5	1	0	6	7	1		
September	953.7	953.0	-1.0	81.9	79.2	-2.5	70.0	70.2	..	29.0	28.1	..	69	86	..	7.1	5	2	4	3	0	0	5	7	4		
October	953.1	952.4	-1.2	87.4	75.2	-2.0	66.3	62.6	..	12.7	13.9	..	29	45	..	0.9	6	0	0	1	2	4	6	10	2		
November	955.5	955.9	-1.5	82.8	69.2	-1.2	61.1	56.5	..	8.1	9.0	..	21	43	..	0.8	5	2	1	0	3	5	7	6	1		
December	956.9	956.0	-1.5	72.0	61.0	-0.4	56.2	50.7	..	9.0	8.4	..	30	51	..	2.1	5	0	3	3	5	4	4	2			
Year	959.6	958.3	-1.0	86.0	70.8	-6.7	69.3	61.8	..	17.7	14.3	..	32	47	..	3.0	38	13	25	25	24	30	35	33	19		
RAJGARH (115).																											
January	1,049.9	1,000.2	..	80.4	71.0	..	61.6	60.6	..	13.6	12.9	..	65	61	..	1.4	4	6	0	1	1	0	1	31			
February	1,009.2	1,004.1	..	86.9	75.4	..	63.3	61.3	..	11.6	11.4	..	27	39	..	1.1	1	4	2	3	2	1	1	10			
March	1,007.0	1,005.8	..	91.0	85.0	..	67.0	63.6	..	12.7	12.8	..	20	36	..	1.5	2	1	2	1	2	4	4	13			
April	1,005.4	1,007.4	..	93.5	89.0	..	72.9	72.2	..	18.5	19.1	..	37	48	..	3.6	2	3	0	2	5	4	3	3			
May	1,042.5	1,001.6	..	98.3	64.5	..	76.5	70.5	..	21.5	20.7	..	31	46	..	0.2	2	0	0	0	3	8	10	5	3		
June	997.6	997.4	..	95.0	81.2	..	78.5	76.5	..	21.5	27.1	..	44	58	..	0.3	0	0	0	0	1	10	3	0			
July	997.4	997.7	..	87.1	85.2	..	79.3	78.9	..	20.7	30.0	..	50	76	..	8.7	1	0	0	0	0	5	15	6	4		
August	999.5	994.6	..	85.0	85.4	..	79.4	78.9	..	20.7	26.9	..	68	73	..	7.0	1	0	0	1	0	7	10	3	9		
September	1,001.4	1,000.7	..	82.8	82.7	..	79.0	78.1	..	20.9	20.9	..	73	82	..	7.1	2	4	0	1	1	8	7	5	2		
October	1,004.3	1,007.8	..	80.1	87.3	..	73.7	72.6	..	22.1	22.0	..	48	62	..	1.5	3	2	3	3	2	9	5	11			
November	1,010.3	1,010.1	..	80.6	80.6	..	67.4	67.4	..	15.0	17.4	..	33	32	..	0.6	2	4	3	3	2	1	1	7			
December	1,010.8	1,010.1	..	81.2	74.5	..	63.2	61.6	..	12.8	15.2	..	32	50	..	0.2	1	5	4	3	1	1	0	15			
Year	1,005.0	1,004.1	..	80.2	84.5	..	72.6	71.0	..	20.5	21.2	..	44	56	..	3.3	21	21	22	22	21	63	74	34	38		

Table VI.—Abstract of observations recorded at 12-30 hrs. I. S. T. (7 hrs. G. M. T.) and corrected daily means at 13 First Class Stations in India during each month and the year 1947—contd.

Station, height of bar. column above mean sea level in feet and month.	Pressure at Station level, millibars.			Temperature of air °F.			Wet bulb temperature °F.			Vapour pressure, millibars.			Relative humidity %			Wind direction at 12-30 hrs. (I. S. T.) Number of winds from										
	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.											
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
BOMBAY (35).																										
January	1,011.5	1,010.7	-1.5	79.5	76.6	+1.4	69.5	68.7	+2.1	20.2	20.5	+1.5	59	66	+2	1.2	15	0	3	4	2	1	1	5	0	
February	1,011.1	1,010.2	-1.2	80.7	78.1	+2.4	70.3	69.8	+3.8	20.9	21.6	+0.9	56	65	+2	1.5	15	0	1	1	0	0	3	10	0	
March	1,010.3	1,009.5	-0.1	83.4	80.8	+1.2	73.4	72.6	+0.2	23.6	23.6	+0.2	61	66	+3	2.5	22	0	0	0	0	0	0	8	0	
April	1,007.4	1,006.6	-0.0	86.0	83.9	+0.8	77.4	76.6	+0.5	28.2	28.0	+0.3	67	71	+1	3.8	10	1	0	0	0	0	4	9	1	
May	1,074.1	1,008.3	+0.1	89.3	86.6	+0.7	79.3	78.8	+0.6	30.5	30.2	+0.4	68	70	+1	1.8	3	0	0	0	0	0	0	12	16	0
June	1,001.0	1,003.3	+0.8	87.8	87.4	+3.2	80.9	80.3	+1.5	32.5	32.2	+0.9	70	72	+6	6.1	1	0	0	0	0	0	2	16	14	0
July	1,002.6	1,002.0	-0.6	84.1	83.0	+1.0	79.6	79.0	+0.7	32.7	32.1	+0.7	81	83	+1	8.7	2	0	0	0	0	0	1	15	13	0
August	1,004.1	1,003.3	-1.4	83.3	82.2	+1.1	79.0	75.1	+1.6	32.1	31.5	+1.7	82	81	+2	8.2	0	0	0	0	0	0	2	12	10	1
September	1,005.8	1,005.1	-1.5	82.4	80.8	+0.1	78.0	77.2	+0.6	30.7	30.3	+1.0	82	83	+3	7.4	1	0	0	1	2	0	11	6	0	
October	1,010.4	1,009.9	+1.5	84.0	81.0	0	78.5	76.0	+1.3	28.5	28.3	+3.1	70	76	+8	1.6	1	0	1	5	5	13	4	3	1	
November	1,012.3	1,011.8	+1.3	83.7	81.1	+1.0	73.4	73.5	+0.7	23.7	24.0	+0.5	60	69	+1	1.4	1	2	3	5	4	2	6	6	1	
December	1,012.0	1,011.2	-0.6	82.3	79.1	+2.0	70.0	69.8	0	19.5	20.7	+1.0	52	62	+8	0.6	2	11	6	0	2	0	3	7	0	
Year	1,008.2	1,007.5	-0.3	83.0	81.5	+1.1	75.6	74.4	+0.6	26.9	27.0	+0.3	67	72	+2	8.7	81	14	14	16	15	32	50	103	4	
POONCH (1,334).																										
January	949.0	948.3	-2.2	80.8	73.8	+5	61.8	62.3	..	14.5	14.6	..	41	57	..	2.9	0	2	0	1	2	3	4	0	10	
February	949.5	948.8	-0.3	84.9	78.2	+4.6	61.2	62.0	..	12.1	12.6	..	29	45	..	0.0	0	3	10	2	1	1	1	1	8	
March	948.7	948.0	+0.1	92.2	84.7	+4.0	65.5	64.8	..	10.7	12.2	..	21	35	..	1.9	3	1	2	0	0	0	8	3	14	
April	946.4	945.8	-0.2	91.9	80.2	+2.3	69.7	69.1	..	15.8	16.5	..	33	45	..	3.7	2	3	6	2	0	0	3	10	0	
May	945.5	945.0	+0.3	90.0	90.2	+0.3	70.1	70.4	..	14.3	17.3	..	23	30	..	1.3	1	2	1	0	0	0	3	17	3	
June	943.1	942.7	+0.0	89.1	85.0	+5.1	73.7	73.1	..	22.1	23.0	..	47	56	..	0.2	0	0	0	0	0	0	28	0	2	
July	942.3	942.0	+0.1	80.0	78.0	+2.6	73.4	72.5	..	25.4	25.0	..	73	71	..	0.1	0	0	0	0	0	1	30	0	0	
August	943.3	942.7	-0.6	81.9	78.8	+4.6	74.6	73.3	..	26.3	25.8	..	70	77	..	8.1	0	0	1	0	0	0	22	2	6	
September	944.9	944.7	-0.8	80.8	77.2	+2.5	72.3	71.3	..	23.6	23.8	..	60	70	..	8.2	0	0	0	0	1	24	1	4		
October	940.3	940.1	+1.3	85.1	79.0	+3.6	69.0	67.7	..	16.5	18.3	..	41	57	..	3.0	0	10	8	1	0	1	9	1	7	
November	951.3	951.1	+1.4	84.5	78.0	+5.9	65.0	67.8	..	13.8	14.0	..	35	49	..	2.7	0	3	17	3	1	0	0	0	5	
December	950.0	950.7	-0.4	81.2	74.1	+5.7	69.4	66.7	..	12.7	12.8	..	35	49	..	2.4	0	2	20	3	0	1	0	0	0	
Year	947.1	946.6	+0.3	85.7	80.3	+4.4	68.8	67.7	..	17.3	18.0	..	43	55	..	4.2	0	26	74	13	4	14	147	11	70	
HYDERABAD (Legumpet.) (1,778).																										
January	952.0	951.3	..	82.7	77.3	..	68.2	66.6	..	17.0	18.0	..	40	50	..	3.1	2	1	10	10	3	2	0	0	2	
February	951.0	951.3	..	85.9	80.5	..	63.2	66.6	..	16.4	16.3	..	39	50	..	2.1	0	5	5	14	0	2	0	1	1	
March	950.2	949.7	..	94.0	88.0	..	72.2	70.9	..	18.0	18.5	..	33	42	..	1.8	0	1	4	16	2	6	0	1	4	
April	947.4	946.9	..	97.4	92.9	..	73.3	72.2	..	16.9	18.6	..	30	37	..	2.6	3	3	4	6	3	0	7	4	0	
May	945.7	945.2	..	101.5	96.8	..	74.9	74.1	..	18.8	19.6	..	25	35	..	2.1	2	5	2	1	1	3	3	7	4	
June	943.4	942.0	..	91.9	87.3	..	75.8	74.6	..	23.9	24.2	..	48	53	..	6.4	0	0	0	0	0	0	15	15	0	
July	943.3	942.7	..	82.1	79.9	..	75.4	74.5	..	27.3	26.8	..	74	79	..	9.1	0	0	0	0	0	2	21	5	0	
August	944.5	943.9	..	82.7	80.2	..	75.6	74.6	..	27.4	27.0	..	72	76	..	8.3	2	2	2	3	1	1	0	0	2	
September	945.6	945.2	..	81.7	78.9	..	74.3	73.3	..	25.9	25.6	..	71	78	..	8.5	2	1	1	0	0	4	11	6	1	
October	950.5	950.3	..	83.1	78.8	..	70.7	69.6	..	20.8	21.1	..	54	64	..	4.7	6	15	1	1	0	1	3	2	2	
November	955.1	953.0	..	82.0	76.1	..	67.7	64.2	..	17.5	17.9	..	47	60	..	1.5	0	11	9	6	0	0	0	0	1	
December	952.2	952.5	..	79.5	72.9	..	65.3	63.3	..	15.0	16.2	..	43	61	..	3.7	0	15	11	3	0	0	0	1	1	
Year	944.4	944.0	..	57.6	82.5	..	71.6	70.4	..	20.5	20.8	..	40	55	..	4.7	18	65	49	60	10	21	76	50	13	

Table VI.—Abstract of observations recorded at 12-30 hrs. I. S. T. (7 hrs. G. M. T.) and corrected daily means at 13 First Class Stations in India during each month and the year 1947—concl.

Station, height of bar. cistern above mean sea level in feet and month.	Pressure at Station level, millibars.			Temperature of air °F.			Wet bulb temperature °F.			Vapour pressure, millibars.			Relative humidity %		Cloud amount.	Wind direction at 12-30 hrs. (I. S. T.) Number of winds from											
	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	Mean 12-30 hrs. (I. S. T.).	Mean of daily means.	Departure from normal.	N	NE	E	SE	S	SW	W	NW	Calm
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
BANGALORE (3,021). January	910.8	910.5	-1.1	76.1	69.5	+2.9	64.1	63.0	..	15.7	16.8	..	51	63	..	6.0	0	4	15	9	1	2	0	0	0	0	
February	911.0	910.4	-0.5	80.2	71.8	+0.6	62.0	61.3	..	11.8	13.7	..	33	53	..	3.8	2	7	12	5	1	0	0	1	0	0	
March	910.4	909.9	+0.2	86.0	77.1	+1.3	64.7	64.4	..	12.3	14.6	..	30	47	..	3.2	1	6	13	6	0	0	3	2	0	0	
April	908.3	907.8	-0.1	88.0	78.4	-0.7	67.6	67.2	..	14.0	16.6	..	33	61	..	3.5	2	3	6	6	1	2	0	4	0	0	
May	907.8	907.4	+0.7	88.8	80.6	+2.8	71.1	69.8	..	18.8	20.1	..	41	57	..	3.8	3	3	2	2	3	10	6	0	0	0	
June	906.4	906.1	0	80.5	71.6	+1.1	69.8	68.4	..	20.6	21.2	..	58	73	..	8.5	0	0	0	0	0	8	14	8	0	0	
July	906.3	906.1	-0.1	76.2	71.6	+0.2	60.6	68.1	..	22.0	21.0	..	72	63	..	0.5	0	0	0	0	0	6	20	5	0	0	
August	906.2	905.9	-0.8	77.6	72.4	+1.2	70.4	69.0	..	22.4	22.6	..	60	82	..	9.2	0	0	1	1	1	5	13	9	1	1	
September	907.5	907.4	-0.4	76.6	71.3	0	69.0	67.7	..	21.1	21.4	..	67	80	..	9.1	0	0	0	0	0	4	13	12	1	1	
October	900.9	902.0	+1.0	77.6	71.6	+0.3	67.6	66.6	..	19.1	19.9	..	59	74	..	7.8	7	5	3	1	0	1	5	9	0	0	
November	911.8	911.7	+1.5	77.1	69.6	-0.7	63.1	62.1	..	14.1	15.2	..	44	60	..	4.8	2	8	13	1	1	0	2	2	1	1	
December	910.7	910.0	-0.8	70.0	68.0	+2.0	62.7	61.6	..	14.0	15.2	..	40	61	..	4.4	4	11	13	2	0	0	0	1	0	0	
Year	908.9	904.7	0	80.1	73.1	+1.0	66.8	65.8	..	17.2	18.3	..	50	66	..	6.1	21	47	78	33	7	31	56	53	3	3	
TRIVANDRUM (211). January	1,003.2	1,003.1	-0.5	84.6	79.5	+2.8	76.3	74.4	+3.6	27.2	27.5	+4.6	67	83	+0	5.7	0	0	1	1	3	18	5	2	1	1	
February	1,003.5	1,003.3	+0.2	86.3	80.0	+1.9	75.6	72.7	+2.0	25.8	26.1	+2.0	59	77	+5	5.1	0	0	1	2	2	13	6	3	1	1	
March	1,003.2	1,003.0	+0.6	87.0	81.3	+0.9	77.0	75.7	+1.1	27.2	28.3	+2.1	61	79	+4	5.3	0	1	0	1	2	14	8	5	0	0	
April	1,001.7	1,001.4	+0.6	86.8	81.3	+0.3	77.9	76.4	+0.3	28.6	29.1	+1.0	67	82	+3	4.8	2	1	0	3	1	1	7	15	0	0	
May	1,001.4	1,001.2	+0.6	88.4	82.8	+2.5	79.0	78.0	+1.5	29.6	30.4	+1.7	65	81	-2	4.8	1	0	0	0	0	5	14	11	0	0	
June	1,001.7	1,001.3	+0.7	82.3	78.8	+1.2	77.7	76.0	+1.4	30.3	29.9	+2.4	81	90	+4	8.5	3	0	0	0	0	1	3	8	15	0	
July	1,001.8	1,001.5	+0.5	82.8	78.4	+1.7	77.0	75.8	+1.0	29.1	29.0	+2.1	76	88	+1	7.0	3	0	0	0	0	0	8	20	0	0	
August	1,001.4	1,001.3	-0.3	81.3	77.3	-0.6	75.0	74.7	+1.0	28.1	28.2	+1.6	78	90	+1	7.8	1	0	0	0	1	0	9	20	0	0	
September	1,002.7	1,002.8	+0.8	81.6	77.4	+0.8	75.8	74.7	+1.1	27.0	28.3	+1.9	76	91	+7	7.2	1	0	0	0	0	1	17	11	0	0	
October	1,003.6	1,003.9	+1.6	88.8	78.2	+1.3	76.3	74.7	+1.1	27.0	28.2	+1.6	71	86	+1	5.7	1	1	0	0	0	1	22	6	0	0	
November	1,004.1	1,004.3	+1.6	86.2	79.7	+2.7	75.3	73.6	+0.1	25.1	25.6	-0.7	59	76	-8	4.6	0	0	0	1	3	13	12	1	0	0	
December	1,003.0	1,003.0	-0.3	85.0	79.5	+3.2	74.8	73.4	+1.8	24.4	25.4	+1.7	59	78	0	4.9	0	0	0	0	4	19	5	3	0	0	
Year	1,002.0	1,002.6	+0.5	84.8	79.5	+1.6	76.0	75.1	+1.4	27.6	28.0	+1.9	68	83	+2	6.0	12	3	2	8	17	88	121	112	2	2	
MADRAS (51). January	1,010.8	1,010.6	-2.8	81.8	76.3	-0.9	73.9	72.6	..	25.0	25.5	..	65	82	..	6.6	2	12	13	1	1	1	0	0	1	1	1
February	1,011.0	1,010.4	-2.0	83.3	76.8	+0.4	72.7	71.3	..	22.7	23.5	..	58	73	..	5.6	1	8	12	6	0	0	0	1	0	0	
March	1,009.4	1,009.0	-1.3	89.0	80.9	+1.0	76.6	73.2	..	23.6	26.7	..	55	71	..	3.6	0	2	9	11	8	1	0	0	0	0	
April	1,005.2	1,005.0	-2.6	93.0	87.7	+4.1	79.7	78.0	..	27.6	30.2	..	52	70	..	3.8	2	0	7	4	7	3	4	2	1		
May	1,004.1	1,004.0	-0.5	97.5	89.3	+1.1	80.2	79.3	..	27.5	30.0	..	45	66	..	2.8	0	0	2	0	7	9	3	1	0		
June	1,001.0	1,001.8	-1.5	97.5	90.7	+2.9	77.3	76.5	..	22.0	25.2	..	38	55	..	6.5	1	0	0	0	0	3	21	4	1	1	
July	1,002.0	1,002.7	-1.3	91.7	85.6	-0.4	77.0	76.2	..	25.0	26.6	..	50	65	..	8.9	0	0	0	0	1	4	21	5	0	0	
August	1,002.0	1,002.6	-2.1	89.9	84.2	+0.2	78.0	77.4	..	27.4	29.0	..	58	72	..	7.7	0	1	4	2	1	3	16	3	1	1	
September	1,004.5	1,004.4	-1.5	88.5	83.2	-0.2	77.4	76.7	..	27.2	28.7	..	60	75	..	7.7	3	0	0	0	0	7	15	5	0	0	
October	1,007.9	1,008.1	-0.2	86.3	80.4	-0.2	70.5	73.6	..	26.0	27.6	..	64	78	..	6.6	11	4	0	3	0	5	1	7	0	0	
November	1,010.9	1,011.1	+0.1	81.8	77.9	+0.1	73.0	72.0	..	22.5	23.5	..	56	71	..	5.4	11	10	3	1	1	2	0	2	0	0	
December	1,010.4	1,010.1	-2.4	81.0	75.5	-0.1	72.5	71.1	..	23.2	23.6	..	63	78	..	7.5	6	18	4	1	0	0	1	1	0	0	
Year	1,006.8	1,006.7	-1.5	88.9	82.4	+1.0	76.2	75.2	..	25.3	26.7	..	56	71	..	6.1	37	55	54	38	20	33	82	31	4	4	
KODAIKANAL (7,684). January	771.7	771.5	+0.4	58.1	53.6	+1.1	53.0	49.6	+3.6	12.7	10.8	+2.4	78	80	+1.8	6.9	2	6	3	14	3	0	0	1	1	2	
February	772.1	771.6	+0.2	60.7	54.3	+0.6	51.7	47.7	+0.7	9.9	9.0	+0.5	54	71	+1.1	5.0	10	7	3	2	0	0	1	3	2	2	
March	772.																										

Table VII.—Abstract of hours of bright sunshine and nocturnal radiation temperature at 11 Stations during each month and the year 1947.

Station, Latitude and Longitude.	Month.	Bright sunshine.										Nocturnal radiation temperature (14° above ground).						
		No. of days with duration.					Total hours for the month in year.	Percentage of possible hours of sunshine in the month or year.	Duration in the month or year.		Mean Minimum.	Departure from Normal.	Lowest in the month or year.	Date.	Mean depression below the Minimum in shade.	Departure from Normal.		
		Nil or trace.	0-1 to 3 hours.	3-1 to 6 hours.	6-1 to 9 hours.	Above 9 hours.			Hours.	Date.								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
CALCUTTA— Lat. 22° 32' N. Long. 88° 20' E.	January	1	1	2	8	19	235.3	76	10.0	9.16	0	2	52.9	+3.6	43.5	17	5.0	-0.8
	February	0	3	0	0	23	238.0	81	10.9	24.23	0.6	18	54.7	+1.2	47.2	2	6.1	+0.3
	March	0	2	1	7	21	270.8	73	10.7	31	0.1	19	66.9	+3.5	58.1	1	4.6	-0.6
	April	0	0	0	5	25	292.1	77	11.5	20	7.6	17	75.9	+4.5	70.0	30	3.5	-0.5
	May	1	3	4	7	16	252.2	61	11.5	8	0	21	77.7	+3.0	71.2	1	2.7	0
	June	2	7	9	7	5	157.1	39	10.0	6.15, 19	0	16, 17	76.8	+0.1	72.4	25	3.9	+2.2
	July	4	10	8	9	0	115.6	28	8.8	13	0	4 days	77.8	+0.9	75.5	9	2.0	+0.5
	August	3	12	6	7	3	130.4	33	9.9	7	0	1, 13, 24	77.9	+1.3	74.7	12	1.6	0
	September	6	3	4	15	2	150.8	41	9.8	13	0	6 days	77.4	+1.8	75.8	9	2.2	-0.1
	October	1	8	5	8	9	100.6	53	10.4	28	0	23	72.2	+2.0	62.6	31	2.8	-0.9
	November	0	0	1	7	22	275.1	83	10.6	1	3.8	5	50.7	+1.3	53.9	25	4.8	-0.4
	December	7	1	1	6	16	208.8	63	9.9	18	0	7 days	53.8	+5.2	46.2	12	4.8	-1.4
	Year	23	50	41	86	163	2,556.8	59	11.5	IV, V	0	8 months	63.6	+2.4	43.5	1	3.7	-0.1
NEW DELHI— Lat. 28° 35' N. Long. 77° 12' E.	January	0	5	1	5	20	244.8	75	10.2	14	0.5	4.10	(d) 35.5	..	25.0	17	6.7	..
	February	0	3	3	8	14	227.9	73	10.9	25	0.7	18	30.5	..	32.4	10	8.7	..
	March	0	0	3	9	19	272.0	74	10.6	1	4.1	28	51.1	..	42.0	2	8.2	..
	April*	0	0	3	15	11	240.3	62	10.8	23	3.3	27	64.5	..	53.4	3	4.6	..
	May	0	2	5	6	18	264.1	63	11.8	19	1.5	4	69.0	..	53.0	6	10.0	..
	June	1	1	5	17	6	206.4	49	10.5	20	0	24	(h) 81.7	..	72.2	16	24.7	..
	July	2	3	13	8	5	179.2	42	11.9	3	0	8.9	(e) 79.5	..	70.3	26	2.5	..
	August	0	6	11	9	5	183.9	45	12.0	30, 31	0.1	4	(a) 73.0	..	67.1	20	6.1	..
	September	11	6	2	6	5	114.2	31	11.3	1	0	13, 24	(j) 36.8	..	..	..	..	..
	October	0	0	2	8	21	279.1	78	10.4	26	4.0	5	51.5	..	21.23	8.2	..	..
	November	0	0	1	3	26	285.9	89	10.1	15, 19	6.0	29	(i) 47.2	..	33.7	28	8.6	..
	December	0	1	4	7	19	263.5	82	10.0	9	2.5	22	39.3	..	27.8	18	6.8	..
	Year	14	27	33	103	160	2,702.2	62	12.0	VII, VIII, IX	0	..	..	..	..	..	..	..
SRINAGAR— Lat. 34° 05' N. Long. 74° 50' E.	January	19	9	3	0	0	261.6	83	5.4	13	0	17 days	20.4	..	15.2	1	1.7	..
	February	7	4	2	6	2	160.4	36	9.2	18	0	7 days	25.8	..	14.1	1	4.0	..
	March	4	3	4	11	9	165.0	53	10.0	1	0	3, 18, 22	34.0	..	26.0	9	5.6	..
	April	0	2	5	12	11	224.4	57	10.6	29	1.1	27	39.9	..	34.0	11	6.0	..
	May	3	2	2	6	18	233.5	59	12.1	25	0	2, 3, 4	47.0	..	40.0	7	3.2	..
	June*	0	5	5	12	7	207.5	48	11.5	4	1.3	29	51.8	..	44.5	16	5.3	..
	July	0	1	5	8	17	267.1	61	11.6	12	2.5	22	57.7	..	53.6	9	4.4	..
	August	3	1	7	9	11	222.3	54	11.5	20	0	25, 30	61.6	..	59.5	1	3.6	..
	September	1	1	3	9	16	246.5	66	10.3	4	0	23	52.2	..	40.7	24	6.1	..
	October	2	2	4	4	10	243.2	69	10.3	13	0	8, 22	39.1	..	28.5	27	7.6	..
	November	0	3	2	10	15	243.5	78	10.0	11	0.3	28	25.2	..	19.3	24	5.1	..
	December	11	3	10	7	0	101.3	33	8.5	2	0	11 days	27.0	..	18.3	17	1.1	..
	Year	50	36	59	94	125	2,575.3	58	12.1	V	0	8 months	39.7	..	14.1	H	4.6	..

(*) Observations of bright sunshine for 29 days.

(**) Mean of 26 days.

(**) Mean of 28 days.

(**) Mean of 29 days.

(**) Mean of 23 days.

(**) Mean of 27 days.

(**) Mean of 21 days.

Table VII.—Abstract of hours of bright sunshine and nocturnal radiation temperature at 11 Stations during each month and the year 1947—contd.

Station, Latitude and Longitude.	Month.	Bright sunshine.										Nocturnal radiation temperature ($\frac{1}{2}$ ° above ground).						
		No. of days with duration.					Total hours for the month or year.	Percentage of possible hours of Sunshine in the month or year.	Duration in the month or year.		Mean Minimum.	Departure from Normal.	Lowest in the month or year.	Date.	Mean depression below the Minimum in shade.	Departure from Normal.		
		Nil or trace.	0-1 to 3 hours.	3-1 to 6 hours.	6-1 to 9 hours.	Above 9 hours.			Hours.	Date.								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
JODHPUR— Lat. 26° 18' N. Long. 73° 01' E.	January	0	1	0	7	23	296.9	89	10.5	14	2.3	3	41.6	..	35.5	14	6.0	..
	February	0	0	0	5	23	277.2	88	10.9	24	0.8	13	50.4	..	41.0	1	2.6	..
	March	0	0	0	2	29	298.2	80	10.3	5	8.6	23	58.8	..	51.2	2.6	3.5	..
	April	0	1	1	3	25	294.2	77	11.8	14	5.1	5	60.7	..	58.2	29	4.2	..
	May	0	0	0	1	30	345.1	83	12.0	17, 18, 23	7.8	5	78.8	..	72.0	8	2.9	..
	June	0	0	0	4	26	317.4	77	12.0	2	8.4	16	82.3	..	78.0	28	1.0	..
	July†	0	2	3	12	12	235.8	56	11.0	14	2.5	5	81.7	..	75.0	17	0.1	..
	August	1	6	6	12	6	195.6	49	11.4	10	0	27	78.4	..	72.0	9	1.0	..
	September	1	5	6	10	8	195.6	53	10.5	2	0	25	73.6	..	68.3	28	2.2	..
	October*	0	0	1	6	23	261.3	78	10.4	30, 31	5.5	16	61.7	..	55.0	21, 25	3.2	..
	November	0	0	0	4	26	293.0	90	10.5	3.4	7.0	21	55.4	..	51.0	20	4.2	..
	December	0	0	2	3	26	289.0	89	10.1	17	4.9	20	(6) 49.4	..	37.0	16	2.1	..
	Year	2	15	10	69	257	3,320.0	75	12.0	V, VI	0	VIII, IX	65.1	..	85.5	I	2.8	..
JAIPUR— Lat. 26° 55' N. Long. 75° 50' E.	January	0	1	2	7	21	278.7	85	10.5	5 days	0.0	27	38.6	+2.3	28.6	15	1.6	-8.8
	February	0	0	1	4	23	278.5	87	11.3	26, 27, 28	4.3	14	42.6	+2.6	34.2	11	8.5	-1.0
	March	0	0	0	5	26	319.0	86	11.6	26	7.1	12	53.3	+4.2	42.0	6	8.4	-1.4
	April	0	1	1	1	27	305.1	79	12.0	14	2.8	18	62.1	+2.0	48.0	1	8.7	-1.1
	May	1	0	1	5	24	303.3	74	12.3	18	0	3	70.9	+2.1	50.6	8	8.2	+0.3
	June	1	4	6	5	14	223.0	54	11.7	9	0	30	70.4	+3.5	74.1	19	4.1	-0.3
	July	3	7	6	12	3	162.3	38	9.4	27	0.6	9, 25	78.3	+3.1	73.4	17	2.8	-0.7
	August	3	8	11	6	3	113.0	35	11.7	8	0	2, 3, 19	74.6	+2.7	71.7	6	1.0	-1.3
	September	12	7	7	4	4	150.8	41	11.1	20	0.4	11	71.8	+4.3	62.2	28	2.0	-2.1
	October	1	3	27	302.4	87	11.0	2	3.5	4	55.3	+0.3	46.6	26	7.5	-1.6		
	November	0	3	27	298.1	92	10.7	11	7.9	28	45.9	+2.8	30.3	27	9.1	-1.5		
	December	2	5	23	277.8	86	10.2	26	2.5	21	41.1	+4.1	25.0	16	7.0	-2.6		
	Year	8	34	38	63	222	3,067.0	71	12.3	V	0	V, VI, VII	59.5	+2.0	25.0	XII	6.3	-1.5
BOMRAY— Lat. 18° 54' N. Long. 72° 40' E.	January†	0	0	0	1	25	236.1	89	10.5	19	8.5	13	57.7	-1.1	47.2	19	9.4	+1.5
	February	0	0	0	0	28	237.2	89	10.8	20	9.3	4	50.5	-3.4	47.8	13	12.4	+5.0
	March	0	2	1	17	11	255.9	60	10.2	1	0.9	20	63.5	-1.0	50.8	0	10.0	+3.6
	April	2	4	4	8	12	206.2	55	10.2	30	0.2	16	71.4	+0.3	65.0	10	5.7	+1.0
	May	0	0	1	4	26	308.0	76	10.8	5 days	5.7	20	64.5	-11.0	54.0	10	15.6	+12.7
	June	2	3	5	9	11	206.8	52	10.7	1	1.5	29	69.8	-7.0	61.0	4	11.0	+0.0
	July†	14	6	4	3	0	47.5	13	9.0	8	0.3	23	74.1	-1.2	70.0	5, 12	3.5	+2.2
	August*	12	5	7	6	0	84.0	22	8.3	8	0.3	31	75.0	+1.2	74.0	24, 30	1.8	+0.2
	September†	0	7	5	8	0	94.0	26	8.0	17, 20	1.0	24, 25	72.8	-0.6	62.3	30	3.5	+1.4
	October	0	2	1	7	21	276.2	76	11.0	17	0.2	1	69.5	-2.1	60.2	28	6.1	+1.3
	November	0	0	0	2	28	299.4	89	10.3	1, 2, 13	8.5	11	64.2	-0.7	59.2	18	8.7	+1.3
	December	0	0	0	2	29	301.6	88	10.3	35	7.1	16	59.8	-0.7	54.5	30	9.0	+1.7
	Year	39	20	28	70	191*	2,631.9	60	11.0	X	8.2	IV, X	66.5	-2.5	47.2	I	8.2	+3.5

(*) Observations of bright sunshine for 30 days.

†) Observations of bright sunshine for 29 days.

‡) Observations of bright sunshine for 27 days.

§) Mean of 26 days.

D

Table VII.—Abstract of hours of bright sunshine and nocturnal radiation temperature at 11 Stations during each month and the year 1947—contd.

Station, Latitude and Longitude.	Month	Bright sunshine.										Mean Minimum, Departure from Normal.	Lowest in the month or year.	Date.	Mean depression below the Minimum in shade.	Departure from Normal.		
		No. of days with duration:					Duration in the month or year:											
		No. of days.	0-1 to 3 hours.	3-1 to 6 hours.	6-1 to 9 hours.	Above 9 hours.	Total hours for the month or year.	Percentage of possible hours of sunshine in the month or year.	Hours.	Date.	Hours.	Date.	14	15	16	17	18	19
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
POONI— Lat. 14° 52' N. Long. 70° 51' E.	January	0	0	3	0	19	276.8	50	10.6	17	4.5	1	50.9	+4.5	42.9	19	4.9	+1.2
	February	0	0	0	3	25	276.9	56	10.6	18, 19	7.8	15	59.0	+1.7	43.1	18	7.8	+0.9
	March	0	1	2	5	23	284.3	75	10.6	11, 12	1.5	2	57.5	+1.34	48.5	12	6.8	+0.6
	April	0	5	5	1	16	236.3	63	11.5	22	0.3	15	61.5	+0.1	54.3	27	7.5	+0.1
	May*	0	0	0	1	16	221.5	7	11.6	30	7.5	21	61.5	+1.7	57.0	12	7.2	+1.1
	June†	0	2	6	5	13	209.0	1	11.5	1	0.2	20	64.1	+1.5	61.8	1	6.7	+3.4
	July	5	20	3	2	1	63.1	16	9.1	8	0	5 days	69.3	0	65.1	25	3.2	+1.0
	August	5	10	7	7	2	114.3	29	9.8	1	0	5 days	69.3	+1.5	66.1	12	2.7	0
	September	2	10	11	6	1	116.6	32	9.5	15	0	28, 29	67.2	+0.0	62.1	13	2.7	+0.2
	October	0	1	2	10	18	264.1	73	10.9	21	1.7	1	60.3	+2.0	47.0	30	5.4	+1.5
	November†	0	0	1	7	20	265.9	1	10.5	2, 18	1.3	20	51.8	+1.2	45.3	17	7.6	+2.3
	December	0	0	0	9	22	287.0	84	10.3	2	0.2	15	46.8	+0.6	39.8	27	8.4	+3.0
	Year	12	49	40	71	186	2,715.3	—	11.6	V	0	VII, VIII, IX	59.8	+0.5	39.8	XII	5.0	+1.0
ANGLORE— Lat. 12° 58' N. Long. 77° 35' E.	January	0	4	4	19	4	213.0	60	10.0	15	0.2	20	59.8	+5.0	32.4	16	31	-0.8
	February	0	0	1	11	16	253.3	71	10.5	6.0	0.0	1	58.0	+2.0	47.0	9	31	-0.6
	March	0	1	0	6	24	287.4	77	10.7	20, 25	0.0	2	68.7	+3.5	56.0	18	4.2	0
	April	0	0	1	9	20	283.5	77	11.7	16	5.1	12	65.0	+1.5	64.1	4	2.2	-0.5
	May	0	0	0	10	21	206.0	75	11.3	5, 10, 14	0.4	31	60.7	+2.3	63.0	24	1.5	0
	June	1	6	11	9	3	155.8	10	11.0	15	0	30	66.8	+0.9	65.2	2, 9, 29	1.1	+0.2
	July	4	15	10	2	0	73.4	18	8.1	7	0	4 days	66.2	+1.1	64.0	30	8.0	+0.1
	August	3	6	6	10	3	113.1	37	11.0	14	0	21, 22, 23	66.5	+1.7	64.2	5, 30	1.0	+0.1
	September	3	8	11	5	1	111.7	31	9.6	3	0	5 days	65.5	+1.1	61.8	4	0.9	-0.1
	October	1	7	6	12	5	177.4	48	10.2	30	0	15	62.4	+0.5	51.0	31	3.0	+0.0
	November	0	1	4	10	15	246.0	72	10.3	2	1.7	21	55.9	+3.2	47.4	16	5.0	+2.3
	December	2	3	2	15	9	215.9	61	9.3	23, 30	0	14, 15	56.6	+1.1	46.3	28	3.8	+1.0
	Year	17	53	56	116	121	2,461.7	56	11.7	IV	0	6 months	63.3	+1.4	46.3	XII	2.4	+0.2
TRIVANDRUM— Lat. 8° 40' N. Long. 77° 30' E.	January	1	5	1	7	17	244.6	67	11.0	5	0	13						
	February	2	0	2	6	18	235.6	72	11.2	11	0	20, 28						
	March	1	3	5	3	19	248.3	66	10.7	10, 15, 17	0	27						
	April	4	5	3	3	15	199.8	54	11.4	24	0	4 days						
	May	0	0	8	9	14	252.2	65	11.5	5	3.1	29						
	June	4	12	11	3	0	93.6	25	7.5	3	0	4 days						
	July	9	6	1	7	5	133.3	34	9.0	20	0	6 days						
	August	5	2	11	10	3	159.2	41	10.8	6, 31	0	5 days						
	September	1	11	7	7	4	141.3	29	10.3	1, 20	0	12						
	October	0	5	5	11	10	216.1	58	11.0	5	0.6	20						
	November	1	6	1	12	16	260.7	74	11.2	7	0	23						
	December	0	2	7	7	15	263.9	67	11.1	25, 29	0.3	6						
	Year	2	31	65	86	136	2,421.0	55	11.5	V	0	9 months						

*Observations of bright sunshine for 30 days.
†Observations of bright sunshine for 28 days.
‡Observations of bright sunshine for 26 days.

(a) Mean of 30 days.

Table VII.—Abstract of hours of bright sunshine and nocturnal radiation temperature at 11 Stations during each month and the year 1947—concl.

Station, Latitude and Longitude.	Month.	Bright sunshine.										Nocturnal radiation temperature (1) ^a above ground).						
		No. of days with duration.					Total hours for the month or year.	Percentage of bright sunshine in the month or year.	Duration in the month or year.			Mean Minimum.	Departure from Normal.	Lowest in the month or year.	Date.	Mean difference below the Minimum in shade.	Departure from Normal.	
		0 to 3 hours.	3 to 6 hours.	6 to 9 hours.	9 to 12 hours.	More than 12 hours.			Hours	Date.	Hours							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
MADRAS— Lat. 13° 04' N. Long. 80° 15' E.	January	1	2	3	5	20	250.4	71	10.0	23	0	27	56.0	+0.5	60.2	17	5.4	+2.8
	February	0	0	3	8	17	254.7	73	11.1	16, 17	47	12	65.0	-1.0	60.0	6	5.6	+3.0
	March	0	0	0	3	23	319.0	85	11.3	28	71	1	69.3	-0.3	60.1	1	5.5	+3.2
	April	0	0	0	3	27	311.0	81	11.7	20, 21	71	11	76.2	+0.3	72.6	1	4.5	+2.9
	May	0	0	0	1	39	340.3	89	11.8	18, 19	72	11	77.0	-2.4	69.1	0	4.0	+3.2
	June	2	2	4	12	10	221.0	57	11.1	3	0	16, 20	70.7	-0.1	76.9	10	3.1	+2.1
	July	4	12	7	6	9	129.2	30	10.9	6	0	5, 24-30	76.8	-1.1	70.5	14	3.0	+1.0
	August	5	5	3	8	10	186.3	48	11.2	4	0	4 days	75.0	-1.6	71.0	12	3.6	+2.0
	September	2	6	11	8	3	161.3	44	10.6	3	0	16, 17	74.6	-1.3	72.0	7	2.3	+1.4
	October	1	4	4	13	9	219.1	60	11.0	28	0	20	72.3	-1.4	62.7	31	2.4	+1.4
	November	0	10	4	8	16	255.3	75	11.3	2	17	21	66.0	-1.6	58.5	16	4.1	+2.6
KODAIKANAL— Lat. 10° 14' N. Long. 77° 23' E.	December	2	2	6	8	14	232.5	66	11.1	1	0	13, 14	66.2	-1.1	59.6	28	3.0	+1.2
	January	1	10	8	7	5	147.5	41	10.2	11	0	1	41.7	+0.8	31.9	24	5.0	-0.3
	February	1	2	4	7	14	215.7	45	10.8	8, 9, 26	0	-20	37.8	-0.1	28.4	8	10.1	+2.7
	March	1	4	3	14	9	212.1	57	10.6	10	0	2	42.0	+2.1	35.0	16	8.5	+2.2
	April	4	2	2	8	13	201.6	55	11.2	23	0	10, 18	47.1	+2.1	31.1	23	7.2	+0.1
	May	0	0	5	15	11	240.1	64	11.2	1	3.3	26	46.5	-1.1	32.1	19	8.6	-0.1
	June	0	13	10	6	1	119.6	31	9.7	22	0.1	11	40.5	-0.7	19.8	18	7.2	+1.1
	July	3	13	5	6	1	105.5	27	10.0	14	0	1, 5, 10	44.7	-0.2	13.1	20	1.0	+2.2
	August	1	10	10	4	0	98.0	25	8.5	1	0	18	49.2	+1.3	11.8	3	4.1	+0.9
	September	2	17	6	3	2	91.0	26	9.7	1	0	14	48.0	+1.0	38.0	30	4.0	0.0
	October	1	9	13	4	4	149.7	38	10.2	23	0	21	46.5	-0.9	35.0	27	5.5	+1.5
	November	0	2	5	13	10	216.8	62	10.6	2	0.2	19	37.5	-7.2	29.8	30	8.9	+5.5
	December	3	6	9	6	7	157.0	11	10.8	30	0	15	36.4	-1.1	15.1	20	11.2	+4.4
	Year	17	93	81	93	27	1,869.2	14	11.2	IV, V	0	0 months	41.0	-0.1	17.4	XII	7.2	+0.02

(a) Mean of 30 days

(b) Mean of 29 days

(c) Mean of 27 days

p2

Table VIII.—Mean hourly wind velocity in miles per hour at 12 Stations for the year 1947.

H. H. T. S. I.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Month	Year																								
*CALCUTTA (67 FEET).																									
January	.	2.5	3.1	3.3	3.1	3.4	3.6	3.8	3.0	3.3	4.2	5.0	5.3	5.4	5.8	6.1	6.1	5.5	3.5	1.3	0.4	0.6	1.4	1.6	1.6
February	.	2.1	2.1	2.0	3.0	3.0	2.7	2.7	3.0	3.3	4.1	5.1	5.3	5.7	6.2	6.4	6.4	6.1	4.6	2.7	1.9	2.4	2.6	2.7	2.3
March	.	5.2	5.1	4.8	4.5	3.8	4.4	4.2	4.7	5.5	6.4	6.7	6.8	7.2	7.9	8.2	8.8	9.7	7.0	5.9	6.1	6.4	6.7	5.8	5.7
April	.	5.3	7.0	6.9	6.5	6.0	5.6	5.7	6.7	7.5	7.6	7.1	7.3	7.8	8.3	9.2	10.0	10.0	8.7	8.6	9.2	8.6	7.9	7.6	7.6
May	.	6.7	6.1	6.0	5.5	5.2	5.3	5.5	6.7	7.3	7.7	6.0	8.1	8.9	9.3	9.2	9.6	10.1	9.6	8.9	8.8	8.3	7.9	7.6	5.0
June	.	5.1	5.7	4.8	4.4	4.4	4.2	4.2	5.1	5.3	6.3	7.8	7.8	8.0	7.9	8.0	8.5	7.3	7.4	6.2	5.7	6.1	6.2	5.7	5.8
July	.	4.5	4.9	4.4	4.2	4.2	4.3	4.3	5.5	6.4	6.7	6.3	8.7	9.3	9.3	8.4	8.2	7.4	7.6	5.9	6.0	5.5	5.0	4.9	4.6
August	.	2.7	3.4	2.7	2.7	3.0	3.0	3.5	4.0	5.3	5.7	6.3	6.5	7.0	7.0	6.2	6.0	5.8	5.0	3.9	3.7	3.4	3.2	2.9	2.9
September	.	2.6	2.5	1.6	1.3	1.3	1.1	2.1	3.2	4.5	5.3	6.0	5.8	6.1	6.3	6.7	6.4	6.0	4.5	3.8	3.2	3.1	2.9	2.7	2.9
October	.	1.3	1.2	1.3	1.4	1.6	1.5	1.4	2.0	2.7	3.0	4.6	5.0	5.0	5.5	5.6	5.9	5.2	2.8	2.0	2.3	1.7	2.4	1.7	1.4
November	.	0.8	0.6	0.5	1.3	1.3	1.1	0.9	1.2	1.7	3.0	4.4	4.6	5.5	5.8	5.7	5.4	4.5	0.9	0.2	0.2	0.4	0.5	0.6	0.3
December	.	0.6	0.5	1.1	1.0	1.3	1.1	1.3	2.2	2.2	3.0	4.1	4.6	4.9	5.4	4.7	4.7	3.9	0.9	0.4	0.4	0.5	0.5	0.3	0.5
Year	.	3.5	3.5	3.3	3.2	3.2	3.2	3.3	4.1	4.6	5.3	6.1	6.3	6.7	7.1	7.0	7.2	6.7	5.3	4.1	4.0	3.9	3.7	3.6	3.6
SAUGOR ISLAND (51 FEET).																									
January	.	0.2	0.2	0.4	0.7	1.2	1.6	1.3	3.4	4.3	3.6	3.2	2.3	2.1	2.4	1.7	1.2	0.4	0.3	0.3	0.3	0.7	0.2	0.1	0.2
February	.	1.5	1.3	1.6	1.3	1.2	0.7	0.6	1.7	2.0	2.2	2.3	2.9	3.2	3.2	3.1	2.2	1.4	1.0	0.4	0.5	0.6	0.4	0.8	2.9
March	.	5.1	7.6	7.0	6.7	5.7	5.8	4.9	4.9	5.4	5.6	6.3	6.5	7.2	6.6	5.4	5.0	4.5	4.5	4.9	5.0	5.2	5.3	7.3	
April	.	16.2	16.8	15.7	14.4	13.4	12.5	13.2	13.2	12.6	11.9	12.6	13.3	13.7	13.5	13.0	13.1	13.2	13.6	14.2	15.3	15.1	16.5	16.3	
May	.	13.0	12.1	12.4	12.5	12.5	12.5	14.2	14.7	15.1	14.3	14.1	14.8	14.2	13.8	14.5	14.1	14.1	14.8	14.4	13.0	14.1	13.1	14.0	12.6
June	.	8.4	8.5	8.7	8.8	9.0	8.8	9.1	8.8	8.0	8.3	8.9	9.2	8.6	9.2	9.1	10.1	9.0	8.4	8.8	8.9	9.5	7.3	7.4	8
July	.	15.9	14.8	14.3	14.3	13.8	14.6	13.7	13.7	15.3	15.2	14.9	14.6	14.9	14.0	15.3	15.8	14.8	14.0	16.1	16.8	16.4	15.6	15.5	
August	.	10.1	10.4	10.6	10.2	10.1	9.3	9.5	9.5	7.9	9.5	8.9	9.2	9.1	8.9	8.6	9.0	8.1	6.9	8.5	8.3	9.0	9.7	9.5	
September	.	7.1	6.8	5.8	6.5	6.4	5.5	5.4	6.6	6.0	6.6	6.6	5.8	7.5	6.9	7.6	7.2	5.6	5.6	6.3	6.6	7.2	7.6	7.8	6.7
October	.	2.9	2.1	1.8	2.0	3.1	3.2	3.5	4.4	5.1	4.3	5.1	5.5	5.9	5.6	3.6	3.0	1.9	1.7	2.1	2.3	2.1	1.4	1.2	1.3
November	.	1.1	1.0	1.1	1.3	1.6	1.5	1.1	3.0	4.2	3.5	4.0	5.3	6.1	5.8	3.8	1.6	0.9	0	0.1	0.1	0.1	0.5	0.5	0.5
December	.	2.2	2.1	2.1	3.1	3.3	3.4	3.7	6.1	7.4	6.7	7.1	7.2	7.0	6.6	5.8	3.9	1.3	0.8	0.6	0.3	0.6	0.9	0.9	1.3
Year	.	7.1	7.2	6.0	6.9	6.9	6.7	6.7	7.7	7.0	7.6	7.0	8.0	8.2	8.2	7.8	7.2	6.1	6.0	6.4	6.8	6.6	6.7	6.9	
JAMSHEDPUR (50 FEET).																									
January	.	0.8	0.6	0.6	1.0	0.5	0.7	0.8	1.0	1.5	3.0	3.3	3.5	3.4	3.0	2.8	2.5	1.7	0.5	0.5	0.0	1.0	0.8	0.6	0.8
February	.	1.2	1.5	1.1	1.2	1.0	1.4	1.3	2.3	2.4	2.9	3.0	3.5	4.0	4.1	3.6	2.7	1.5	0.9	1.3	1.0	1.1	0.9	1.0	
March	.	1.6	1.1	0.6	0.8	1.3	1.0	1.2	1.7	2.6	2.9	3.1	3.6	4.5	5.1	4.4	3.7	2.6	1.9	1.2	1.1	1.6	1.4	1.2	
April	.	1.4	1.5	1.9	1.3	1.1	0.8	1.7	2.5	3.8	3.7	4.3	4.9	6.4	5.5	7.4	6.6	5.1	3.5	2.7	2.1	2.1	2.5	1.9	
May	.	2.1	2.0	2.2	1.6	1.1	1.4	2.2	2.2	2.7	3.3	4.0	4.6	4.0	4.6	4.0	4.1	6.3	6.0	6.4	4.6	4.1	3.3	2.9	
June	.	1.9	1.5	2.0	2.2	1.9	1.6	2.1	2.1	2.9	3.5	4.2	5.3	5.4	5.0	5.0	5.8	5.3	5.1	3.6	3.0	2.7	2.2	2.8	2.1
July	.	3.1	2.7	2.3	2.6	1.9	2.4	3.3	5.2	5.4	6.3	6.4	6.9	6.2	6.2	5.2	5.0	4.4	4.6	2.8	2.7	2.5	2.6	2.9	2.9
August	.	2.1	2.0	2.3	2.5	2.8	2.3	3.2	4.3	4.9	5.5	5.1	5.7	5.1	5.9	6.0	4.7	4.4	3.2	2.8	2.8	2.4	2.1	2.0	
September	.	1.1	0.9	1.1	0.9	1.0	1.0	1.7	2.6	3.5	4.1	4.0	4.0	4.0	4.3	3.0	3.5	3.1	2.6	2.4	1.9	1.6	1.7	1.2	
October	.	0.5	0.5	0.6	0.7	0.6	0.4	0.6	1.0	1.0	2.3	2.0	2.6	3.1	3.1	2.6	1.7	1.3	0.9	1.4	0.7	0.6	0.5	0.5	
November	.	0.7	0.7	0.8	0.6	0.5	0.8	1.2	2.1	2.0	2.4	2.7	3.4	3.4	3.1	1.6	0.7	0.3	0.4	0.7	0.8	0.7	0.6	0.6	
December	.	0.4	0.9	0.8	1.0	1.1	1.3	1.6	2.2	2.7	3.0	3.4	3.7	4.3	4.3	3.9	3.0	1.6	0.7	0.6	0.6	0.7	0.5	0.5	
Year	.	1.4	1.4	1.3	1.3	1.2	1.2	1.7	2.5	3.1	3.7	3.9	4.2	4.5	4.5	4.5	4.0	3.3	2.6	2.1	1.9	1.6	1.7	1.6	1.5
ALLAHABAD (BAMRAULI) (10 FEET).																									
January	.	1.8	2.2	1.7	1.7	1.9	1.9	2.2	2.1	2.7	4.2	5.0	5.5	5.7	6.3	6.2	5.5	3.8	1.9	2.0	1.9	1.6	1.8	1.7	1.8
February	.	1.7	1.8	2.4	1.8	1.9	1.7	2.3	2.7	3.3	4.3	5.7	6.7	7.1	7.4	7.2	6.7	5.4	2.3	1.7	1.4	1.9	1.8	1.5	
March	.	1.3	1.2	1.4	1.3</td																				

Table VIII.—Mean hourly wind velocity in miles per hour at 12 Stations for the year 1947—contd.

Hours 1.S.T. Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
BARODA (115 FEET).																								
January	31	27	34	33	38	37	35	45	48	55	53	46	44	42	40	36	33	21	18	46	33	32	33	30
February	28	20	31	30	30	27	32	30	52	61	57	47	45	41	43	40	35	20	20	27	29	34	33	29
March	22	19	15	14	14	10	09	17	36	41	46	30	33	26	40	35	30	19	21	20	17	17	18	18
April	30	27	23	15	13	15	18	32	46	51	47	49	47	50	55	53	44	39	30	29	40	36	40	39
May	58	50	50	40	33	28	36	59	65	67	64	65	70	71	72	73	69	74	59	71	32	75	66	70
June	54	71	65	56	48	36	41	36	46	89	92	95	99	96	100	100	100	118	121	126	125	115	98	92
July	53	46	43	35	27	26	29	44	58	54	55	60	67	65	58	65	67	70	71	72	67	67	59	57
August	30	27	25	18	14	15	12	26	36	37	42	41	45	43	51	49	55	49	47	42	47	42	38	34
September	21	19	21	20	15	12	14	21	32	30	42	41	40	46	45	34	35	30	29	34	31	24	18	23
October	67	65	64	63	62	62	61	66	100	101	103	102	104	105	106	104	64	62	63	67	63	65	64	64
November	15	13	9	9	8	12	10	13	28	31	33	30	27	24	30	28	30	30	24	21	23	17	13	15
December	18	13	11	11	10	14	16	27	32	40	35	30	31	27	23	23	24	15	17	21	23	21	20	23
Year	32	30	27	23	21	19	21	32	41	48	50	47	47	46	46	47	45	43	39	43	40	42	37	36
MOMBAY (65 FEET).																								
January	43	43	46	45	48	50	53	53	57	54	50	47	52	73	82	89	90	87	87	85	77	61	48	44
February	31	36	31	33	32	34	30	38	43	46	56	60	71	81	96	100	101	96	92	81	67	50	40	36
March	60	57	57	54	52	46	44	47	54	57	75	94	105	116	127	130	125	115	102	94	77	59	56	56
April	63	61	61	57	53	51	49	51	60	70	85	91	99	108	114	110	109	101	88	75	78	73	74	67
May	40	42	38	31	30	29	29	32	37	44	51	62	72	81	87	83	77	68	60	54	43	40	39	40
June	72	69	73	66	66	61	57	59	62	68	76	81	83	89	90	88	84	73	77	73	69	70	72	72
July	91	88	90	90	90	89	89	90	90	91	95	97	101	93	92	83	80	82	79	72	75	85	90	80
August	67	67	68	70	73	75	77	78	79	74	80	90	97	95	98	103	101	97	93	86	77	75	70	73
September	79	74	71	71	68	67	65	67	70	73	83	93	100	105	104	101	102	98	95	93	88	81	73	77
October	44	41	40	38	38	38	43	15	47	43	45	51	62	71	80	84	84	83	86	72	68	54	45	44
November	38	32	32	38	43	47	48	52	48	40	37	39	49	63	77	86	87	83	79	68	54	40	34	30
December	24	38	48	44	52	52	53	57	57	51	54	49	58	76	67	96	97	92	86	70	54	47	36	36
Year	54	53	54	53	54	53	54	53	58	59	66	71	79	87	93	96	95	90	85	78	70	62	57	56
POONA (130 FEET).																								
January	35	35	31	26	17	20	29	26	18	20	15	44	32	57	60	60	61	61	56	47	35	34	26	34
February	26	31	26	24	33	31	23	29	36	44	31	31	39	57	59	60	64	77	78	47	40	21	26	
March	33	32	31	30	21	27	30	21	12	20	19	32	61	68	88	91	110	97	76	64	46	42	36	
April	30	32	47	39	40	36	30	32	40	51	64	71	73	77	98	99	99	110	104	86	70	53	45	
May	60	60	55	48	50	45	50	51	49	60	80	82	91	109	111	124	127	132	120	90	84	74	60	
June	78	76	74	70	71	63	71	92	117	128	111	172	137	141	151	153	162	151	139	121	105	90	89	
July	78	75	83	82	82	79	86	87	101	135	130	131	151	152	157	143	124	113	94	87	70	81		
August	65	59	51	53	50	54	48	59	71	80	91	96	103	110	104	116	112	103	99	83	79	64	59	
September	64	67	63	66	66	56	59	65	82	92	96	107	116	120	117	121	100	93	86	71	65	63	65	
October	37	36	43	35	30	28	30	18	23	38	46	64	63	56	59	60	63	61	67	55	43	42	26	29
November	28	25	30	26	28	27	19	06	12	32	39	70	63	65	57	63	58	44	44	25	23	21	33	32
December	23	24	18	10	21	14	22	12	15	36	45	61	61	60	51	51	43	44	41	24	28	21	33	30
Year	48	48	46	44	46	41	41	40	46	60	73	79	83	86	91	94	93	88	73	63	54	48	40	
HYDERABAD (BLGUNIPET) (47 FEET).																								
January	16	20	20	15	17	17	16	19	25	36	48	15	45	43	43	43	35	37	20	21	18	17	19	16
February	22	18	21	18	18	16	19	18	26	36	47	18	47	46	43	46	45	40	35	31	26	21	27	22
March	15	13	13	13	14	12	11	15	27	41	44	54	50	47	41	38	36	28	25	21	24	23	23	
April	19	45	42	47	42	45	45	60	71	76	70	73	62	73	70	69	65	52	44	41	34	33	32	
May	36	35	45	47	42	41	41	52	63	63	65	61	55	52	52	51	55	57	49	38	34	43	45	
June	66	100	91	87	83	79	83	93	103	107	109	108	102	91	85	78	85	69	64	57	50	53	74	60
July	122	125	124	122	114	110	110	121	129	130	133	132	134	119	115	109	96	90	90	83	62	64	114	
August	72	76	73	67	62	70	76	64	67	69	102	100	91	85	82	77	61	64	54	53	56	56	72	
September	64	78	73	74	71	69	70	86	96	100	108	106	110	118	97	88	83	63	53	53	56	66	60	
October	69	10	11	11	11	17	17	24	39	57	63	66	71</											

Table VIII.—Mean hourly wind velocity in miles per hour at 12 Stations for the year 1947—concl.

Month	Hours 1 to 24																								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
*BANGALORE (55 FEET).																									
January	9.4	8.6	8.1	7.9	7.3	7.0	6.7	7.4	9.1	10.6	10.7	9.8	10.2	9.1	9.0	8.2	8.0	7.3	6.9	7.3	8.1	9.2	9.1	9.1	
February	9.1	8.4	7.5	7.0	6.2	5.7	5.5	5.9	7.0	8.6	8.9	8.4	8.8	8.1	8.2	7.7	6.8	6.5	7.7	9.1	9.0	9.7	9.6		
March	7.7	6.7	6.0	5.6	4.7	4.6	4.5	5.1	7.1	7.6	7.4	7.0	8.6	8.2	9.0	8.5	8.2	7.7	7.2	8.4	9.8	10.5	10.2	8.9	
April	9.2	8.8	7.8	7.6	7.2	6.9	7.3	8.6	9.8	10.9	10.8	9.8	10.6	9.8	10.4	10.0	9.1	7.9	7.8	7.6	8.1	9.8	9.6		
May	8.3	8.7	9.0	9.0	8.7	8.1	8.7	9.5	9.9	9.8	10.0	8.7	8.7	8.5	8.8	8.1	7.5	6.8	7.7	8.6	8.3	9.1	9.3		
June	10.0	11.1	11.7	11.1	10.6	10.4	10.7	11.5	13.7	15.4	18.2	15.4	15.2	14.7	14.8	14.3	13.9	13.1	12.4	12.0	11.7	11.8	12.7	11.8	
July	11.3	11.1	11.4	11.2	11.2	11.2	11.3	12.2	13.5	11.9	17.6	16.5	16.7	16.3	15.8	15.0	14.6	13.4	11.7	11.0	11.3	11.0	10.7	10.3	
August	9.2	9.0	8.8	8.7	7.6	7.9	8.5	9.6	10.3	12.0	12.9	11.9	11.1	11.1	11.2	11.0	9.8	8.2	8.7	8.6	8.3	9.5	9.2		
September	9.2	9.7	9.4	9.6	9.3	9.2	9.5	10.7	12.6	13.6	15.2	14.0	13.8	13.2	12.4	11.7	11.1	9.1	8.2	8.0	8.7	9.1	9.0	9.7	
October	4.4	4.7	4.4	4.4	4.2	4.2	4.4	5.5	6.7	6.4	7.2	6.7	7.4	6.9	7.0	6.5	6.5	5.1	4.9	4.9	5.1	5.2	4.7	5.0	
November	6.0	6.3	6.2	6.2	6.4	6.2	6.0	7.4	8.9	9.5	9.4	8.6	8.3	8.7	8.2	7.5	7.7	6.1	6.5	6.4	6.0	6.4	6.0	6.4	
December	7.0	7.3	6.5	6.4	5.9	5.9	5.7	7.2	9.5	10.3	9.8	8.9	8.1	8.5	8.3	7.6	7.4	6.2	5.7	5.0	6.7	7.1	7.6	7.8	
Year	8.5	8.3	8.1	7.9	7.3	7.4	8.4	9.8	10.8	11.5	10.5	10.6	10.3	10.2	9.8	9.1	8.1	7.7	8.1	8.5	8.8	9.1	8.9		
MADRAS (117 FEET).																									
January	8.2	7.8	6.7	6.7	5.5	5.4	4.6	4.7	5.3	5.3	6.3	6.8	6.1	6.3	7.5	8.2	8.4	8.5	9.0	9.7	8.6	9.0	8.9	8.3	
February	5.3	3.9	3.0	3.1	2.9	2.6	2.5	2.4	2.5	3.0	4.7	5.6	6.3	6.5	7.5	7.7	8.3	8.4	8.3	7.0	6.5	6.4			
March	7.1	6.6	5.9	4.7	4.5	5.1	4.1	4.0	5.9	7.4	8.4	9.5	10.1	10.5	10.7	10.7	10.7	9.7	9.4	9.2	8.8	8.1	7.6		
April	7.3	7.4	6.9	6.9	6.0	5.9	5.8	6.9	6.9	7.0	7.6	9.4	10.1	9.8	10.1	10.1	9.6	8.9	8.0	8.6	8.5	8.6	8.3		
May	10.1	9.2	10.0	9.5	9.0	9.2	9.4	11.2	11.0	12.7	14.1	15.0	15.0	14.7	14.5	13.6	13.4	12.1	12.1	11.0	12.5	12.0	12.2	11.0	
June	9.3	9.5	9.2	9.5	9.2	9.0	10.0	10.9	11.4	13.5	12.0	11.8	13.0	12.3	13.1	12.0	12.4	11.5	12.1	12.7	11.8	12.3	11.7	10.6	
July	7.6	7.5	7.0	6.3	5.8	6.2	6.7	7.3	8.3	10.7	10.8	11.1	10.7	10.7	10.7	9.9	10.2	8.8	9.0	8.2	7.9	7.7	7.4	7.4	
August	6.2	5.7	5.3	4.6	4.6	4.6	4.6	5.4	7.4	8.0	8.9	10.0	10.0	9.5	9.6	9.0	8.2	7.7	7.3	6.6	7.3	7.8	6.0	5.4	
September	4.0	5.0	5.2	5.0	5.5	5.3	5.2	6.4	7.0	8.1	7.7	7.9	7.0	7.4	6.8	6.2	6.1	5.0	6.0	5.7	6.5	6.3	5.0		
October	2.9	3.7	3.7	4.0	3.2	3.9	3.3	3.9	4.2	4.5	4.9	5.7	6.2	6.4	6.4	6.6	6.6	5.5	4.4	4.2	3.9	3.1	3.4		
November	7.4	6.9	6.2	6.2	6.2	5.8	5.4	6.8	8.3	9.4	10.1	10.8	11.5	10.7	10.4	10.7	10.2	10.3	10.0	9.6	8.7	8.3			
December	7.4	6.0	5.8	4.4	4.6	4.7	5.1	6.7	7.2	9.0	10.0	10.5	10.8	10.8	10.5	10.2	9.0	9.5	9.6	9.0	9.6	8.7	8.2		
Year	7.0	6.6	6.2	6.0	5.6	5.6	6.1	7.0	8.1	8.7	9.4	9.8	9.8	9.7	9.6	9.6	9.6	8.7	8.7	8.0	7.6				
VIZAGAPATAM (57 FEET).																									
January	1.3	1.1	1.4	1.3	1.1	1.3	1.1	2.0	3.9	5.2	6.5	7.1	7.1	6.9	6.5	6.1	5.3	4.5	3.7	2.9	2.2	1.9	1.9	1.5	
February	1.2	1.3	1.2	1.1	1.5	1.4	1.4	1.2	2.0	3.4	6.0	6.8	7.3	7.6	6.6	6.1	5.0	4.0	2.6	1.9	1.6	1.5	1.2		
March	2.1	1.1	1.6	1.2	0.9	0.9	1.0	1.9	2.1	3.0	7.2	8.1	8.3	8.4	8.1	7.3	6.4	4.7	3.9	3.6	2.3	2.8	2.4	2.2	
April	2.8	2.7	2.7	2.4	2.2	1.9	2.0	3.6	3.5	5.4	7.6	8.3	8.1	7.7	7.4	6.9	5.1	4.1	3.0	3.2	2.9	3.1			
May	1.2	1.9	5.1	4.8	4.3	4.8	5.7	6.6	7.0	7.6	10.1	10.6	10.5	10.6	9.5	7.8	6.2	6.1	5.4	5.0	5.2	5.2	4.6		
June	3.8	4.4	4.7	4.1	4.5	4.1	4.8	6.0	5.8	5.9	8.1	8.1	8.1	7.6	7.3	6.9	4.3	3.9	3.0	2.3	3.3	3.8	4.6		
July	3.2	5.5	5.3	5.9	5.3	5.6	5.4	6.0	6.4	6.4	6.3	8.0	5.1	5.1	7.5	7.2	5.8	5.0	5.1	4.8	4.7	4.0	5.0		
August	2.7	2.3	2.5	2.3	2.2	2.2	2.7	3.4	4.0	4.3	5.1	6.0	6.6	6.4	6.1	5.8	4.9	3.9	2.7	2.7	2.3	2.7	2.5		
September	2.1	2.1	2.6	2.6	2.7	2.7	2.3	2.9	3.0	4.6	5.0	5.3	5.9	6.5	6.1	6.2	5.9	4.6	3.4	3.5	2.6	1.7	2.1	2.5	
October	1.9	1.8	1.8	1.9	1.6	1.8	1.5	2.1	2.6	3.7	4.1	5.1	5.4	5.4	5.3	5.2	4.6	3.0	2.9	2.7	2.4	2.4	2.1	2.1	
November	1.2	1.3	1.3	1.3	1.5	1.8	1.7	2.1	3.0	3.7	4.0	5.8	5.8	5.9	6.0	4.8	3.9	2.7	2.4	2.1	1.9	2.0	1.3		
December	2.0	3.1	3.3	3.4	3.3	3.1	3.5	3.7	4.6	6.0	6.4	6.5	6.2	6.5	5.8	4.8	4.2	4.1	3.8	3.0	3.2	3.2	3.2		
Year	2.6	2.7	2.8	2.7	2.6	2.7	2.6	3.4	4.0	4.9	6.1	7.2	7.4	7.3	6.9	6.0	5.3	4.4	3.7	3.4	3.0	2.9	2.9	2.6	
KODAIKANAL (49 FEET).																									
January	6.3	6.6	5.9	6.5	7.5	7.4	8.4	8.3	8.3	8.7	8.6	7.8	7.5	6.4	5.7	5.0	4.4	3.9	5.4	5.7	6.3	6.5	6.9	6.9	
February	7.2	6.7	7.2	6.1	6.0	6.8	7.2	7.1	7.0	6.1	7.2	7.0	6.9	6.1	4.9	4.6	3.5	3.3	4.4	4.5	5.1	5.4	6.1		
March	9.3	9.0	9.0	8.5	8.0	8.9	9.5	9.6	10.1	9.6	10.3	9.2	9.2	8.5	8.2	6.7	6.0	4.8	4.6	5.8	6.5	8.1	9.0	9.4	
April	7.8	8.1	8.3	8.5	7.8	7.0	7.3	8.3	8.9	9.7	10.3	9.6	9.7	8.7	8.5	7.7	7.6	7.4	7.3	8.1	7.9	8.2	8.3		
May	5.8	5.5	6.0	6.0	6.0	6.1	7.0	7.4	7.8	8.5	9.5	10.3	9.6	9.7	9.7	9.5	7.7	7.6	7.4	7.3	8.1	7.9	8.2		
June	9.6	9.7	10.1	9.8	9.6	9.0	9.7	9.7	9.4	9.7	9.0	9.1	9.2	8.0	9.0	8.0	7.7								

Figures in italics *The hours in this case refer to L.M.T.
represent means of data which are not available for a complete month.

Table IX.—Number of days in each month and the year on which the Nilgiris were visible from Kodaikanal in 1947.

[The Nilgiris are nearly 100 miles (as the crow flies) from Kodaikanal.]

Month.	1	Very clear.	Visible.	Just visible.	Top only visible.	Total.
		2	3	4	5	6
January	.	2	—	5	2	9
February	.	—	2	3	—	5
March	.	7	3	12	2	24
April	.	4	6	6	2	18
May	.	14	4	3	4	25
June	.	12	2	2	4	20
July	.	2	2	4	2	10
August	.	2	1	4	6	13
September	.	6	2	2	1	11
October	.	5	2	6	3	16
November	.	4	1	2	1	8
December	.	2	—	1	1	4
Year	.	60	25	50	28	163

Table X.—Average over the 13 chief political divisions of the monthly

Division.	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.	Actual.	Departure from normal.	Percentage departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Assam . . .	0.16	-0.50	-76	0.37	-1.24	-77	3.15	-0.39	-11	9.84	+0.90	+10	13.80	+0.90	+7	20.65	+1.16	+8
West Bengal* . .	0.08	-0.32	-80	0.39	-0.69	-64	1.82	+0.56	+44	1.70	-0.68	-29	5.70	-1.05	-16	8.77	-1.29	-33
Orissa . . .	0.96	+0.55	+134	0.87	-0.16	-16	0.59	-0.30	-34	0.63	-0.59	-48	1.50	-1.50	-50	8.60	-0.21	-2
Bihar . . .	0.33	-0.29	-47	0.50	-0.50	-50	0.95	+0.36	+61	0.21	-0.34	-62	1.79	-0.22	-11	4.36	-3.05	-41
United Provinces . .	0.73	-0.04	-5	0.52	-0.28	-35	0.47	+0.04	+9	0.02	-0.22	-92	0.33	-0.29	-47	2.71	-1.68	-38
East Punjab . .	0.82	-0.25	-23	0.57	-0.43	-43	0.41	-0.32	-44	0.01	-0.42	-98	0.17	-0.36	-68	0.39	-1.77	-52
Rajputana . .	0.26	+0.03	+13	0.10	-0.14	-58	0.03	-0.15	-83	0.02	-0.10	-83	0.03	-0.32	-91	0.47	-1.01	-60
Bombay . .	0.33	+0.23	+230	0.04	-0.03	-43	0.19	+0.07	+58	1.98	+1.57	+383	0.58	-0.31	-35	3.04	-5.20	-59
Central India . .	0.78	+0.38	+95	0.27	-0.03	-10	0.12	-0.09	-43	0.13	-0.02	-13	0.03	-0.33	-87	2.20	-2.66	-55
Central Provinces and Berar. .	1.49	+1.05	+239	1.16	+0.41	+55	0.73	+0.21	+40	0.23	-0.32	-58	0.22	-0.41	-65	4.41	-3.14	-42
Hyderabad . .	0.39	+0.22	+129	0.58	-0.04	-12	0.11	-0.30	-73	0.18	-0.80	-82	0.35	-0.65	-65	2.93	-2.03	-47
Mysore . .	0.27	+0.13	+93	0.22	+0.06	+37	0.34	+0.01	+3	0.84	-0.80	-49	2.04	-1.62	-44	2.92	-1.02	-36
Madras . .	1.50	-0.78	+100	0.58	+0.06	+12	1.71	+0.92	+116	2.87	+0.84	+41	1.61	-1.05	-55	0.01	-1.96	-25
Mean of India . .	0.73	+0.27	+59	0.48	-0.12	-20	0.60	+0.10	+17	1.19	+0.10	+9	1.35	-0.62	-31	4.37	-2.50	-36

*Rainfall data of West Bengal for July 1947 have not been received

and annual rainfall with its departure from normal in 1947.

JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.			YEAR.		
Actual	Departure from normal.	Percentage from normal.	Actual	Departure from normal.	Percentage from normal.	Actual	Departure from normal.	Percentage from normal.	Actual	Departure from normal.	Percentage from normal.	Actual	Departure from normal.	Percentage from normal.	Actual	Departure from normal.	Percentage from normal.	Actual	Departure from normal.	Percentage from normal.
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
22.10	+4.19	+23	12.62	-3.52	-22	16.02	+3.17	+25	8.97	+3.29	+58	0.13	-1.06	-89	0.64	+0.25	+64	103.75	+7.45	+7
11.35	-2.17	-16	13.71	+0.77	+6	7.04	-2.19	-24	5.44	+0.37	+7	0.34	-1.23	-78	2.96	+2.75	+1,310	53.99	-3.91	-7
13.86	+0.53	+4	10.39	-2.55	-20	8.88	+0.23	+3	3.08	+0.42	+16	0.03	-0.41	-93	0.23	+0.04	+21	44.61	-5.78	-11
12.86	+1.05	+9	8.95	-2.32	-21	10.05	+3.42	+52	0.66	-0.67	-50	0	-0.18	-100	0.17	-0.19	-53	37.47	-1.36	-4
3.47	-3.37	-49	5.79	-1.10	-16	11.58	+7.98	+222	0.19	-0.20	-51	0	-0.12	-100	1.02	+0.51	+100	24.42	+0.15	+1
3.81	-3.20	-46	8.82	+1.04	+28	8.12	+4.95	+156	0.45	+0.03	+7	0	-0.15	-100	0.19	+0.02	+12	22.30	+1.00	+5
14.28	-1.14	-7	13.92	+4.24	+44	10.32	+3.60	+54	1.14	-1.50	-57	0.26	-0.58	-69	0.30	+0.13	+76	46.98	+1.08	+2
12.72	-0.04	0	14.44	+3.12	+28	11.46	+4.84	+73	0.67	-0.45	-40	0.10	-0.45	-82	0.49	+0.23	+88	43.43	+4.50	+12
18.21	+2.97	+19	17.52	+4.56	+35	8.53	+0.72	+9	1.34	-0.80	-39	0.04	-0.62	-94	0.42	+0.12	+40	54.30	+4.09	+9
8.98	+0.04	0	11.37	+4.34	+62	10.24	+3.39	+49	1.41	-1.30	-48	0.31	-0.66	-68	0.50	+0.23	+85	37.35	+1.80	+5
8.15	+0.96	+13	8.24	+2.86	+53	5.07	+0.07	+1	5.24	-0.11	-2	0.59	-1.83	-76	0.67	+0.23	+52	34.59	-2.10	-6
9.98	+1.09	+12	10.44	+3.39	+48	7.66	+1.89	+33	6.63	-1.13	-15	1.35	-4.62	-77	1.67	-0.43	-20	62.10	-1.12	-2
11.33	-0.01	0	11.80	+1.82	+18	9.50	+2.80	+42	2.55	-0.45	-15	0.28	-1.05	-70	0.70	+0.21	+43	44.97	+0.55	+1

and therefore are not included in the "Mean of India."

Table XI.—Average over the 27 Sub-divisions of the monthly and annual rainfall

Sub-Division.	JANUARY.						FEBRUARY.						MARCH.					
	RAINY DAYS.		RAINFALL.				RAINY DAYS.		RAINFALL.				RAINY DAYS.		RAINFALL.			
	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1. Bay Islands*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Assam	0.5	-1.2	0.16	-0.50	-76	0.9	-2.7	0.37	-1.24	-77	7.1	+1.2	3.15	-0.39	-1.1	..	..	..
3. West Bengal†	0.3	-0.6	0.08	+0.92	-80	0.9	-1.0	0.39	-0.69	-64	3.2	+1.2	1.83	+0.56	+44	..	..	..
4. Orissa	1.9	+1.2	0.96	+0.55	+134	1.2	-0.5	0.87	-0.16	-16	1.1	-0.5	0.50	-0.30	-34	..	..	..
5. Chota Nagpur	1.5	-0.1	0.55	-0.26	-32	2.1	-0.6	1.02	-0.42	-29	3.1	+1.3	1.91	+1.10	+131	..	..	..
6. Bihar	0.5	-0.6	0.21	-0.31	-60	0.8	-0.8	0.22	-0.54	-71	1.2	+0.2	0.44	-0.02	-4	..	..	..
7. United Provinces, East	1.5	+0.2	0.66	+0.04	+6	1.0	-0.4	0.31	-0.30	-49	1.1	+0.4	0.36	+0.07	+23	..	..	..
8. Do. do., West	2.0	+0.2	0.70	-0.11	-12	1.4	-0.4	0.60	-0.26	-27	1.5	+0.4	0.55	+0.01	+2	..	..	..
9. East Punjab	1.8	-0.2	0.82	-0.25	-23	1.8	-0.2	0.57	-0.43	-43	1.1	-0.4	0.41	-0.32	-44	..	..	..
10. Kashmir	3.5	-1.9	2.25	-1.40	-38	3.3	-2.2	2.54	-1.40	-36	4.1	-1.8	2.32	-1.92	-45	..	..	..
11. Rajputana, West	0.2	-0.2	0.12	-0.01	-8	0.2	-0.3	0.07	-0.14	-67	0	-0.3	0.01	-0.13	-93	..	..	..
12. Do. East	0.8	-0.1	0.33	+0.04	+14	0.5	-0.2	0.11	-0.14	-56	0.2	-0.3	0.01	-0.17	-81	..	..	..
13. Gujarat	0	-0.2	0.01	-0.06	-86	0	-0.2	0	-0.08	-100	0	-0.1	0	-0.06	-100	..	..	..
14. Central India, West	1.4	+0.7	0.61	+0.31	+103	0.4	-0.1	0.11	-0.08	-42	0.2	-0.2	0.05	-0.11	-63	..	..	..
15. Do. do., East	2.7	+1.1	1.39	+0.63	+83	2.1	-0.5	0.86	+0.15	+21	1.3	+0.4	0.40	+0.03	+8	..	..	..
16. Berar	2.5	+1.8	1.10	+0.76	+206	1.6	-0.9	0.65	+0.25	+63	1.9	+1.2	0.97	+0.65	+203	..	..	..
17. Central Provinces, West	3.0	+2.8	2.10	+1.52	+262	2.3	-0.9	1.06	+0.38	+56	1.9	+0.8	0.87	+0.95	+67	..	..	..
18. Do. do., East	3.1	-2.4	1.21	+0.83	+218	2.4	-0.6	1.42	+0.49	+53	1.5	+0.2	0.54	-0.05	-8	..	..	..
19. Konkan	0.3	+0.2	0.19	+0.10	+111	0	-0.1	0	-0.05	-100	0.4	+0.2	0.23	+0.15	+187	..	..	..
20. Bombay Deccan	1.1	+0.8	0.61	+0.48	+369	0.3	+0.1	0.09	+0.01	+13	0.8	+0.4	0.33	+0.15	+83	..	..	..
21. Hyderabad, North	1.2	+0.9	0.62	+0.45	+265	1.4	0	0.77	+0.01	+1	0.4	-0.5	0.18	-0.25	-58	..	..	..
22. Do. South	0.2	-0.1	0.00	-0.07	-44	1.0	+0.1	0.33	-0.19	-37	0.1	-0.6	0.03	-0.35	-92	..	..	..
23. Mysore	0.7	+0.4	0.27	+0.13	+93	0.4	+0.1	0.22	+0.06	+37	0.8	+0.2	0.34	+0.01	+3	..	..	..
24. Malabar	1.5	+0.5	0.83	+0.19	+30	1.8	+0.8	0.96	+0.31	+48	4.5	+2.0	3.37	+1.81	+116	..	..	..
25. Madras, Southeast	4.3	+2.7	2.61	+1.41	+117	0.7	-0.1	0.65	+0.09	+16	2.8	+1.8	1.96	+1.32	+200	..	..	..
26. Do. Deccan	0.8	+0.5	0.35	+0.20	+133	0.2	-0.1	0.04	-0.13	-70	0	-0.3	0	-0.19	-100	..	..	..
27. Do. Coast, North	0.9	+0.4	0.80	+0.44	+122	0.4	-0.1	0.21	-0.29	-59	0.1	-0.6	0.02	-0.42	-95	..	..	..

*Data not available. †Rainfall data for West Bengal for July 1947 have not been received.

and number of rainy days with their departures from normal in 1947.

APRIL.			MAY.			JUNE.			JULY.		
RAINY DAYS.		RAINFALL.		RAINY DAYS.		RAINFALL.		RAINY DAYS.		RAINFALL.	
Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.
17	18	19	20	21	22	23	24	25	26	27	28
..
12.9	+1.4	9.81	+0.90	+10	13.8	-1.0	13.80	+0.90	+7	16.9	-1.1
2.5	-1.0	1.70	-0.68	-29	6.7	-1.3	5.70	-1.05	-16	10.6	-2.4
0.9	-1.3	0.63	-0.59	-18	2.7	-1.9	1.50	-1.50	-50	9.7	-0.7
0.1	-1.4	0.04	-0.59	-94	2.2	-1.0	1.30	-0.47	-27	7.3	-2.6
0.6	-0.5	0.29	-0.22	-43	3.1	+0.1	2.05	-0.08	-4	4.9	-3.4
0.1	-0.4	0.02	-0.18	-90	1.1	-0.1	0.51	-0.10	-16	3.4	-2.1
0.1	-0.6	0.02	-0.26	-93	0.6	-0.8	0.18	-0.45	-71	2.8	-2.1
0	-1.0	0.01	-0.42	-98	0.6	-0.6	0.17	-0.36	-68	0.7	-2.4
1.2	-3.6	0.40	-2.92	-88	3.4	-0.7	2.14	+0.02	+1	3.7	-0.2
0	-0.3	0	-0.11	-100	0.1	-0.6	0.02	-0.27	-93	0.1	-1.6
0.1	-0.3	0.02	-0.11	-85	0.2	-0.7	0.01	-0.35	-90	1.5	-2.6
2.0	+1.9	2.88	+2.84	+7100	0	-0.5	0	-0.27	-100	0.3	-5.4
0.5	+0.2	0.16	+0.05	+45	0.2	-0.6	0.05	-0.32	-86	3.2	-3.0
0	-0.6	0	-0.27	-100	0.1	-0.9	0.02	-0.38	-95	1.1	-1.9
0.8	+0.1	0.33	+0.01	+3	0.4	-0.7	0.12	-0.37	-76	4.5	-3.7
0.5	-0.3	0.15	-0.22	-59	0.1	-0.7	0.16	-0.30	-65	5.4	-2.9
0.5	-1.1	0.25	-0.50	-67	0.7	-1.0	0.29	-0.50	-63	7.2	-2.6
4.4	+3.7	2.56	+2.16	+510	0.8	-1.0	0.36	-1.06	-75	14.0	-4.5
2.3	+0.9	1.10	+0.42	+62	2.1	0	1.00	-0.10	-5	1.0	-3.8
0.5	-1.3	0.20	-0.80	-80	0.4	-1.1	0.19	-0.57	-75	4.9	-4.1
0.5	-1.3	0.17	-0.80	-82	1.3	-0.8	0.56	-0.75	-57	5.5	-1.5
1.9	-1.0	0.81	-0.80	-49	4.4	-1.3	2.04	-1.62	-44	5.9	-1.0
7.0	+0.7	4.95	+0.72	+17	5.3	-3.6	3.22	-4.48	-58	20.8	0
3.7	+1.3	3.38	+1.79	+113	2.3	-1.4	1.39	-1.11	-11	2.4	-0.6
0.8	-0.6	0.39	-0.36	-49	1.4	-1.6	0.71	-1.02	-59	4.5	+0.2
0.6	-0.7	0.36	-0.45	-56	1.1	-1.6	0.64	-1.30	-67	4.6	-1.3

Table XI.—Average over the 27 Sub-divisions of the monthly and annual rainfall

Sub-Division.	August.						September						October.					
	Rainy Days.		Rainfall.		Rainy Days.		Rainfall.		Rainy Days.		Rainfall.		Rainy Days.		Rainfall.		Rainfall.	
	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.	Actual.	Departure from normal.
	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51			
1. Bay Islands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Assam	13.1	-4.3	12.62	-3.52	-22	15.5	+1.4	16.02	+3.17	+25	11.1	+1.1	8.97	-3.29	+58			
3. West Bengal	17.4	+1.2	12.40	-1.62	-12	13.1	-1.4	12.30	-2.13	+21	6.1	+0.9	5.03	+0.56	+13			
4. Orissa	15.3	-0.3	13.71	+0.77	+6	10.1	-2.0	7.04	-2.19	-24	7.7	+1.7	5.44	+0.37	+7			
5. Chota Nagpur	16.7	-0.3	11.86	-2.29	-16	11.3	-0.8	9.98	+1.85	+28	5.7	+1.6	4.01	+1.03	+35			
6. Bihar	12.3	-1.4	9.62	-2.71	-22	9.5	+0.2	8.20	-0.54	-7	3.0	+0.3	2.57	+0.08	+3			
7. United Provinces, East	12.0	-0.9	9.11	-2.26	-20	9.6	-2.0	7.38	+0.35	+5	1.4	-0.1	0.92	-0.90	-49			
8. Do., do., West	10.6	-1.0	8.82	-2.38	-21	12.3	+6.1	12.23	+5.95	+95	0.7	-0.2	0.45	-0.47	-51			
9. East Punjab	6.6	-0.7	5.79	-1.10	-16	7.9	+4.4	11.58	+7.98	+222	0.4	-0.2	0.19	-0.20	-51			
10. Kashmir	7.7	-0.6	7.53	0.27	+4	5.2	+1.4	5.26	+2.62	+99	1.4	-0.5	0.56	-0.50	-47			
11. Rajputana, West	5.8	+1.3	5.43	+1.40	+35	3.7	+1.9	3.39	+1.96	+137	0.4	-0.1	0.16	-0.01	-6			
12. Do., East	12.6	+2.7	10.67	-2.23	+26	11.9	+6.9	10.73	+6.60	+160	1.0	+0.2	0.61	+0.05	+9			
13. Gujarat	12.3	+1.7	10.24	+2.44	+31	10.6	+4.4	10.31	+5.10	+98	0.8	-0.5	0.37	-0.62	-63			
14. Central India, West	15.3	+3.3	14.72	+3.91	+36	13.7	+4.5	11.51	+5.00	+76	0.7	-0.8	0.52	-0.59	-49			
15. Do., do., East	15.3	+0.4	13.19	-0.41	-3	11.0	-2.6	11.10	+4.09	+58	1.5	-0.4	1.24	-0.21	-16			
16. Bihar	13.1	+2.8	9.32	-2.50	+37	10.6	+2.6	7.02	+0.81	+13	0.9	-1.6	0.58	-1.23	-68			
17. Central Provinces, West	17.8	+3.2	17.53	+4.50	+35	11.2	+1.7	8.44	+0.68	+9	1.1	-1.4	0.67	-1.19	-61			
18. Do., do., East	18.4	+2.1	20.43	-5.35	+35	12.9	+2.1	9.16	+0.72	+9	2.4	-1.1	2.08	-0.49	-19			
19. Konkan	20.8	-3.7	33.71	+8.78	+35	19.0	+3.6	19.65	-6.32	+50	3.0	-2.0	2.10	-2.61	-55			
20. Bombay Deccan	13.8	+4.3	9.97	+4.06	+60	9.9	+1.7	7.34	+1.57	+27	2.3	-2.4	1.37	-1.79	-57			
21. Hyderabad, North	11.2	+2.7	12.25	+4.30	+54	11.0	+1.7	10.77	+3.63	+51	1.0	-2.4	0.57	-1.08	-78			
22. Do., South	13.3	+3.7	10.21	+1.10	+76	10.4	+1.1	9.54	+3.09	+48	3.0	-1.5	2.52	-0.40	-14			
23. Mysore	13.7	+4.8	8.24	+2.86	+53	8.5	+0.7	5.07	+0.07	+1	6.4	-1.1	5.22	-0.11	-2			
24. Malabar	21.0	+1.0	26.89	+11.06	+70	18.7	+6.7	13.92	+5.57	+67	8.6	-1.9	7.15	-1.07	-36			
25. Madras, South East	5.9	+0.6	3.61	-0.03	-1	6.5	+0.7	4.75	-0.45	-10	9.3	+0.2	7.85	+0.55	+8			
26. Do., Deccan	10.9	+4.6	6.13	+2.41	+65	8.2	+0.9	6.53	-1.27	+24	4.5	-1.3	3.13	-1.01	-21			
27. Do., Coast, North	10.0	+1.1	7.94	+2.16	+37	9.1	+0.4	7.53	+1.15	+18	7.4	-0.1	5.58	-1.70	-23			

*Data not available.

Table XII.—Average over the 13 chief political divisions of the actual rainfall with its departure from normal for the four seasons of the year and for the whole year 1947.

DIVISION.	JANUARY AND FEBRUARY.			MARCH TO MAY.			JUNE TO SEPTEMBER.			OCTOBER TO DECEMBER.			WHOLE YEAR.		
	Actual.	Departure from normal.	Percentage from normal.	Actual.	Departure from normal.	Percentage from normal.	Actual.	Departure from normal.	Percentage from normal.	Actual.	Departure from normal.	Percentage from normal.	Actual.	Departure from normal.	Percentage from normal.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Assam . . .	0.53	-1.74	-27	26.79	+1.11	+6	71.09	+5.30	+8	9.74	+2.48	+31	103.75	+7.45	+7
West Bengal* . .	0.47	-1.01	-68	9.23	-1.17	-11	..	..	..	5.88	+0.42	+8	..	..	..
Orissa . . .	1.83	+0.39	+27	2.72	-2.39	-47	40.70	-3.80	-9	8.74	+1.89	+28	53.99	-3.91	-7
Bihar . . .	0.83	-0.79	-49	2.95	-0.20	-6	37.49	-4.84	-11	3.34	+0.05	+2	44.61	-5.78	-11
United Provinces . .	1.25	-0.32	-20	0.82	-0.47	-36	34.57	-0.17	+1	0.83	-1.01	-56	37.47	-1.30	-4
East Punjab . .	1.39	-0.68	-33	0.59	-1.10	-65	21.23	+1.71	-9	1.21	+0.19	+19	24.42	+0.15	+1
Rajputana . . .	0.36	-0.11	-23	0.08	-0.57	-88	21.22	+1.78	+9	0.84	-0.10	-14	22.30	+1.00	+5
Bombay . . .	0.37	+0.20	+118	2.75	+1.33	+94	42.16	+1.50	+4	1.70	-1.95	-63	46.08	+1.08	+2
Central India . . .	1.05	0.35	+50	0.30	-0.44	-59	40.82	-1.26	+15	1.26	-0.67	-35	43.43	+4.50	+12
Central Provinces and Berar.	2.65	+1.16	+123	1.18	-0.52	-31	48.67	+5.11	+12	1.80	-1.36	-43	54.30	+4.69	+9
Hyderabad . . .	0.97	+0.11	+17	0.64	-1.75	-73	33.52	+5.14	+18	2.22	-1.73	-41	37.35	+1.80	+5
Mysore . . .	0.49	+0.19	+63	3.22	-2.41	-43	24.38	+2.27	+10	6.50	-1.71	-21	34.59	-2.10	-6
Madras . . .	2.14	+0.84	+65	6.19	-0.19	-3	34.12	+4.41	+16	9.65	-6.18	-39	52.10	-1.12	-2
Mean of India . . .	1.21	+0.15	+14	3.23	-0.42	-32	37.00	+2.11	+8	3.53	-1.29	-27	44.97	+0.55	+1

*Rainfall data of West Bengal (for July 1947) have not been received and, therefore, are not included in the "Mean of India".

Table XIII.—Average over the 27 Sub-divisions of the actual rainfall with its departure from normal for the four seasons of the year and for the whole year 1947.

Sub-division.	JANUARY AND FEBRUARY				MARCH TO MAY			JUNE TO SEPTEMBER			OCTOBER TO DECEMBER			WHOLE YEAR			
	Actual.		Departure from normal.	Percentage departure from normal.	Actual.		Departure from normal.	Percentage departure from normal.	Actual.		Departure from normal.	Percentage departure from normal.	Actual.		Departure from normal.	Percentage departure from normal.	
	1	2			3	4			5	6			7	8	9	10	
1. Bay Islands*
2. Assam	0.53	-1.74	-77	26.79	+1.41	+6	71.69	+4.77	+7	9.74	+2.48	+34	108.75	+8.92	+7	+7	
3. West Bengal†	0.47	-1.01	-68	9.23	-1.17	-11	..	..	..	5.88	+0.42	+8	..	..	..	..
4. Orissa	1.83	+0.39	+27	2.72	-2.39	-47	40.70	-3.80	-9	8.74	+1.89	+28	53.90	+3.91	-1	-7	
5. Chota Nagpur	1.57	-0.68	-30	3.28	+0.04	+1	38.08	-6.19	-14	4.70	+0.90	+24	47.63	-5.93	-11	-11	
6. Bihar	0.43	-0.85	-66	2.78	-0.32	-10	37.06	-4.30	-10	2.61	-0.41	-14	42.88	-5.88	-12	-12	
7. United Provinces, East	0.97	-0.26	-21	0.91	-0.21	-19	35.50	+0.64	+2	1.00	-1.29	-56	38.38	-1.12	-3	-3	
8. Do. do., West	1.48	-0.37	-20	0.75	-0.70	-48	33.79	+0.31	+1	0.70	-0.81	-54	36.72	-1.57	-1	-1	
9. East Punjab	1.39	-0.68	-33	0.39	-1.10	-65	21.23	+1.74	+9	1.21	+0.19	+19	24.42	+0.15	+1	+1	
10. Kashmir	4.79	-2.80	-37	4.86	-4.82	-50	19.62	+0.58	+3	4.82	+1.10	+30	34.00	-5.94	-15	-15	
11. Rajputana, West	0.19	-0.15	-14	0.03	-0.51	-94	9.69	-0.31	-3	0.20	-0.12	-37	10.11	-1.13	-10	-10	
12. Do. East	0.41	-0.10	-19	0.10	-0.63	-86	27.56	+2.95	+12	0.68	-0.09	-9	28.98	+2.13	+8	+8	
13. Gujarat	0.01	-0.14	-93	2.88	-2.51	..	30.04	-1.20	-4	0.45	-0.90	-67	33.38	+0.27	+1	+1	
14. Central India, West	0.72	+0.23	+47	0.26	-0.38	-59	40.29	+5.61	+16	1.23	-0.62	-34	42.50	+4.87	+13	+13	
15. Do. do. East	2.25	+0.78	+53	0.42	-0.62	-60	42.75	+3.21	+8	1.40	-0.82	-37	46.82	+2.55	+6	+6	
16. Berar	1.75	+0.99	+130	1.42	-0.29	+26	26.74	-2.04	-7	1.65	-1.36	-45	31.56	-2.12	-6	-6	
17. Central Provinces, West	3.16	+1.90	+151	1.18	-0.17	-13	49.81	+6.79	+16	0.86	-1.08	-70	55.01	+6.54	+13	+13	
18. Do. do., East	2.63	+1.32	+101	1.08	-1.05	-49	55.09	+6.63	+13	2.50	-0.90	-26	62.20	+6.00	+11	+11	
19. Konkan	0.19	+0.05	+36	3.15	+1.25	+66	109.15	+4.02	+4	2.75	-3.30	-55	115.24	+2.02	+2	+2	
20. Bombay, Deccan	0.70	+0.49	+233	2.52	+0.47	+23	28.47	+2.66	+10	2.05	-2.42	-54	33.74	+1.23	+4	+4	
21. Hyderabad, North	1.39	+0.46	+49	0.57	-1.02	-74	34.77	+2.80	+9	0.99	-2.70	-73	37.72	-1.06	-3	-3	
22. Do. South	0.42	+0.26	-38	0.76	-1.90	-71	31.85	+8.17	+35	3.85	-0.43	-10	36.88	+5.58	+18	+18	
23. Mysore	0.19	+0.19	+63	3.22	-2.41	-43	24.38	-2.27	+10	6.59	-1.71	-21	34.59	-1.66	-5	-5	
24. Malabar	1.79	+0.50	+39	11.54	-1.95	-14	85.33	+9.68	+13	10.28	-0.05	-47	168.04	-0.82	-1	-1	
25. Madras, Southeast	3.26	+1.56	+85	6.75	+2.00	+42	13.88	+1.00	+16	9.90	-8.20	-45	33.70	-2.80	-8	-8	
26. Do. Deccan	0.39	+0.07	+22	1.09	-1.57	-59	20.43	+6.08	+42	3.64	-2.88	-43	25.75	+1.70	+7	+7	
27. Do. Coast, North	1.61	+0.15	+17	1.02	-2.17	-68	26.30	+4.34	+20	12.23	-0.30	-2	40.56	+2.02	+5	+5	

*Data not available.

†Rainfall data of West Bengal for July 1947 have not been received.

Table XIV.—Average over the 27 Sub-divisions of actual number of rainy days with their departures from normal for the four seasons of the year and for the whole year 1947.

Sub-division.	JANUARY AND FEBRUARY.		MARCH TO MAY.		JUNE TO SEPTEMBER.		OCTOBER TO DECEMBER.		WHOLE YEAR.		
	Actual.		Departure from normal.		Actual.		Departure from normal.		Actual.		
	1	2	3	4	5	6	7	8	9	10	11
1. Bay Islands
2. Assam	1.4	-3.9	23.8	+1.6	66.0	-2.5	12.5	+2.7
3. West Bengal	1.2	-1.6	12.4	-1.1	..	..	8.0	+1.1
4. Orissa	3.1	+0.7	4.7	-3.7	50.8	-3.0	12.4	+4.4
5. Chota Nagpur	3.6	-0.7	5.4	-1.1	50.2	-1.2	7.0	+1.6
6. Bihar	1.3	-1.4	4.9	-0.2	41.0	-4.0	3.1	-0.5
7. United Provinces, East	2.5	-0.2	2.3	-0.1	39.8	+0.9	1.7	-1.1
8. Do. do., West	3.4	-0.2	2.2	-1.0	36.3	+1.8	1.4	-0.7
9. East Punjab	3.6	-0.4	1.7	-2.0	19.1	-2.2	2.0	+0.1
10. Kashmir	6.8	-4.1	8.7	-6.1	22.8	-0.9	7.1	+0.6
11. Rajputana, West	0.4	-0.5	0.1	-1.2	10.7	-1.6	0.5	-0.1
12. Do., East	1.3	-0.1	0.5	-1.3	33.0	+3.5	1.7	0
13. Gujarat	0	-0.4	2.0	+3.3	32.3	-3.4	0.9	-1.0
14. Central India, West	1.8	+0.6	0.9	-0.6	42.5	+3.9	2.2	-0.6
15. Do. do., East	4.8	+1.6	1.4	-1.1	45.4	+0.7	1.9	-1.3
16. Berar	4.1	+2.7	3.1	+0.6	40.0	+0.6	2.4	-1.9
17. Central Provinces, West	6.2	+3.7	2.8	-0.2	52.0	+3.3	1.5	-2.6
18. Do. do., East	5.5	+3.0	2.7	-1.9	58.4	+3.8	3.3	-1.6
19. Konkan	0.3	+0.1	5.6	+2.9	82.2	-2.8	3.3	-4.6
20. Bombay, Deccan	1.7	+0.9	5.2	+1.3	38.7	+1.5	3.5	-3.6
21. Hyderabad, North	2.6	+0.9	1.3	-2.9	45.2	+1.3	3.8	-3.3
22. Do., South	1.2	0	1.9	-2.7	42.3	+4.7	5.3	-1.5
23. Mysore	1.1	+0.5	7.1	-2.1	38.9	+5.7	8.2	-4.2
24. Malabar	3.3	+1.3	16.8	-0.9	83.0	+9.8	13.2	-10.0
25. Madras, South East	5.0	+2.6	8.8	+1.7	19.2	+1.3	13.2	-8.4
26. Do. Deccan	1.0	+0.4	2.2	-2.5	32.5	+8.5	6.0	-3.8
27. Do. Coast, North	1.3	0	1.8	-2.9	35.7	+2.9	13.6	+1.1

* Data not available. †Rainfall data of West Bengal for July 1947 have not been received.

Table XV.—Showing rainfall of 10" and over with amounts in the preceding and following 24 hrs. during the year 1947.

Province and District.	Station.	Date.	AMOUNT.			Province and District.	Station.	Date.	AMOUNT.		
			Preceding day.	On date in column 3.	Succeeding day.				Preceding day.	On date in column 3.	Succeeding day.
			1	2	3				4	5	6
ASAM.											
Khasi and Jaintia Hills	Mawsynram	May 26	8.38	10.41	9.08	Bhavnagar	Bhavnagar	April 18	0.02	12.07	0.23
		" 28	9.68	12.76	13.45	Paltan	Paltan	" 18	1.68	10.85	1.08
		" 29	12.76	13.15	15.87	Surat	Surat	July 17	0.80	10.85	0.21
		" 30	13.45	13.87	15.94	Nasik	Nasik	" 17	3.85	12.40	1.75
		" 31	15.87	15.91	*	Do	Do	" 17	2.73	10.72	5.92
CAUCAS	Bilgrampur	June 13	3.12	10.98	7.05	Savantwadi	Savantwadi	Amboli	" 15	5.20	10.44
Cachar (North Cachar Hills)	Jatinga valley	" 14	3.52	11.41	6.77	Dharampur	Dharampur	Dharampur	" 16	6.70	10.07
Do.	Barangajao	" 1	3.75	10.15	5.87	Porbandar	Porbandar	Porbandar	Aug. 21	1.53	10.02
Sadiya Frontier tract	Deining	July 7	3.95	10.05	3.65	Bombay	Bombay	Bombay	Sep. 23	2.82	10.45
Lushai Hill Do.	Lungleh	" 30	1.02	12.00	5.68	CENTRAL INDIA.			CENTRAL INDIA.		
	Demagiri	" 30	3.23	11.93	1.30	Gwalior	Gwalior	Maldegari Borsota Dispensary	Aug. 31	0.36	10.59
WEST BENGAL.	Kurseong	June 8	0	11.26	0.75	Rewa	Rewa	Umaria	" 6	0.11	10.48
Tripara State	Sonamura	" 20	0	10.00	1.00	Bhopal	Bhopal	Sehore (Qusba)	" 6	1.28	10.27
Tripara State	Belonje	Aug. 5	2.08	17.96	0	CENTRAL PROVINCES AND BIRAR.			CENTRAL PROVINCES AND BIRAR.		
Jaljugor	Buxa	Sept. 29	2.00	10.30	2.58	Hoshangabad	Hoshangabad	Chhindwara	July 22	2.20	11.23
Orissa.	Gop	June 27	0.74	11.87	0	Do	Do	Pachmarhi	" 29	0.77	12.61
		Aug. 27	3.60	12.95	0.57	Bilaspur	Bilaspur	Chirampur	" 28	0.05	13.67
DIHAPS.						Bhandara	Bhandara	Bodhikasa	Aug. 31	8.10	14.80
Hazapoleh	Kodarma	Aug. 1	0.73	12.34	0.55	Chendwara	Chendwara	Tamla	" 31	3.41	13.80
UNITED PROVINCES.	Lucknow	July 17	0.51	12.27	0.89	HYDERABAD.			HYDERABAD.		
Lucknow	Lucknow	July 17	0.51	12.27	0.89	Nizamabad	Nizamabad	Johora	Sep. 25	0.50	10.85
EST. PUNJAB.	Dodupur	Sep. 26	6.15	12.00	4.00	MADRAS.			MADRAS.		
Isharpur	Utt	" 26	1.16	10.87	3.62	Chimbatore	Chimbatore	Avanshi	July 13	6.10	17.25
Gilliana	Ludhiana	" 26	0.15	13.57	5.75	TIRUNAVVUR STATE			TIRUNAVVUR STATE		
						(Kottiyam Division)			(Kottiyam Division)		
RAJASTHAN.	Sironi	Sep. 1	0	10.00	1.25	South Kanara	South Kanara	Perambal (Residency)	Aug. 17	3.25	11.20
Bank	Bundi	" 6	3.51	14.58	0.88	Do.	Do	Pattur	" 17	0.35	10.50
Bundi	Bundi	" 6	3.51	14.58	0.88	Coorg	Coorg	Bantwal	" 17	0.62	10.60
								Karlike	" 17	0.40	10.60
										6.10	

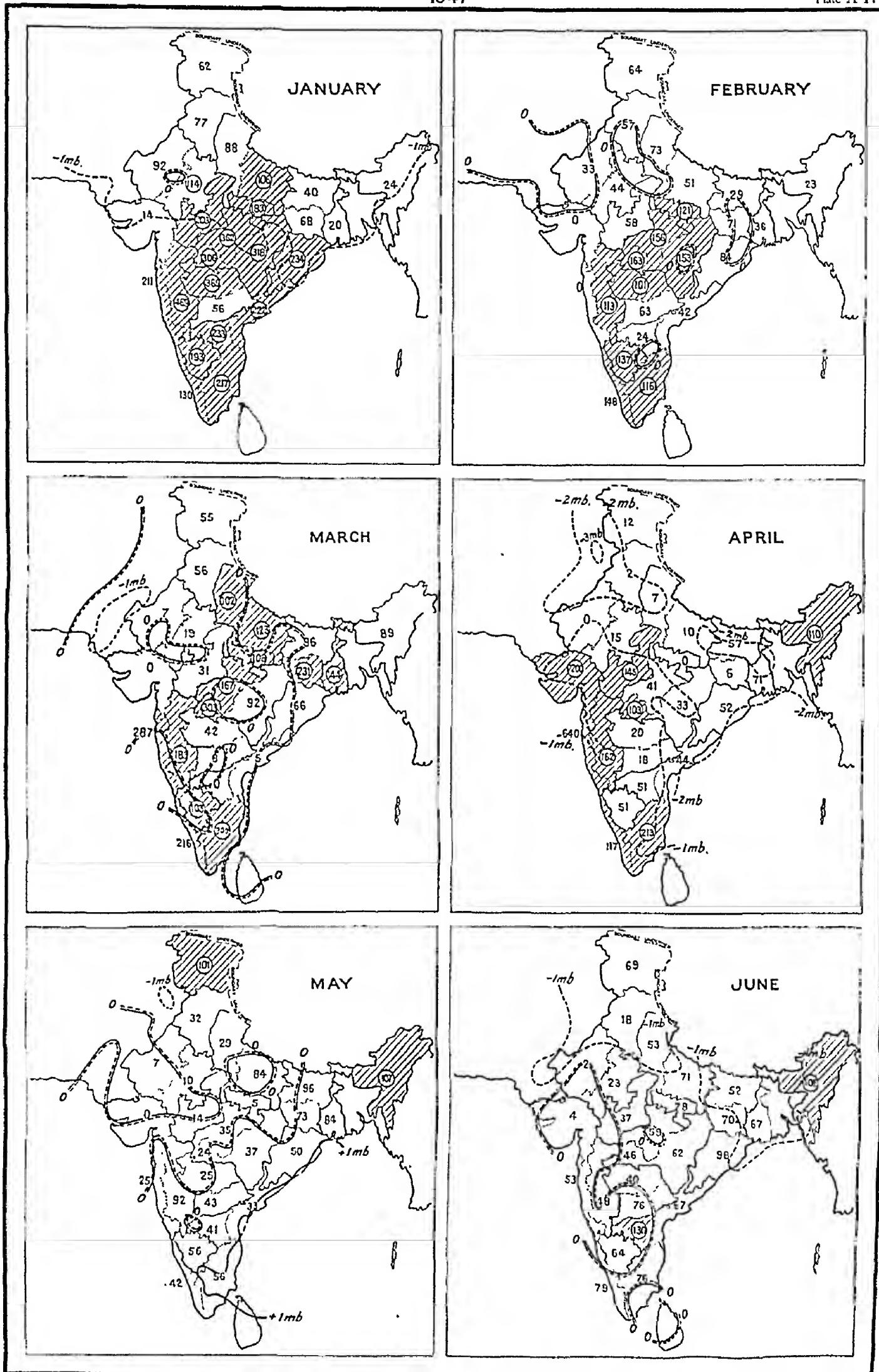
* Data not available.

SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS)
AND MEAN MONTHLY PRESSURE ANOMALIES (IN MILLIBARS)

IMD-A.S. 1947.

1947

Plate A 1.



ABOVE 100% BELOW 100%

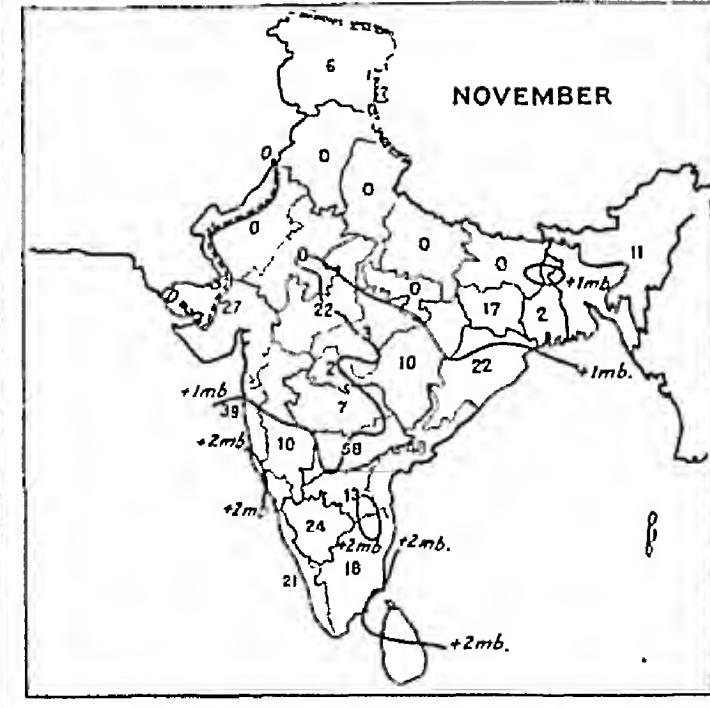
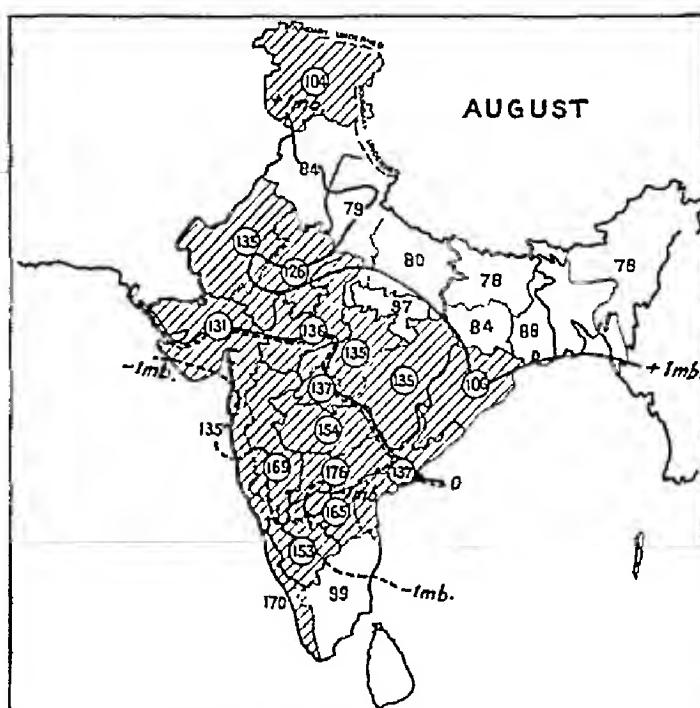
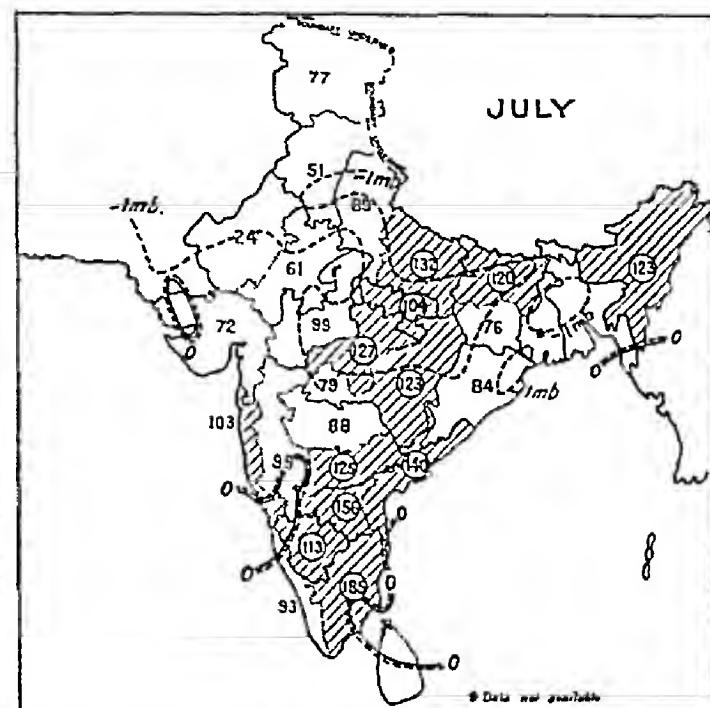
The Indo-Pakistan boundary shown on this map has not yet been demarcated as an international boundary. The alignment, therefore, is to be regarded as approximate and is not authoritative.

SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS)
AND MEAN MONTHLY PRESSURE ANOMALIES (IN MILLIBARS)

I.M.D.-A.S. 1947.

1947

Plate A 2.



ABOVE 100%

BELLOW 100%

Printed at the Survey of India Office (P. E. O.)

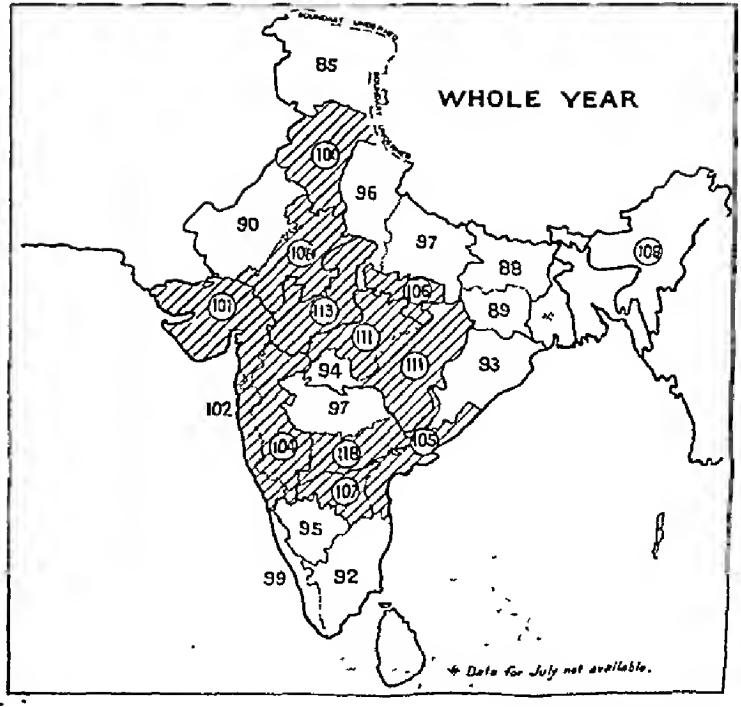
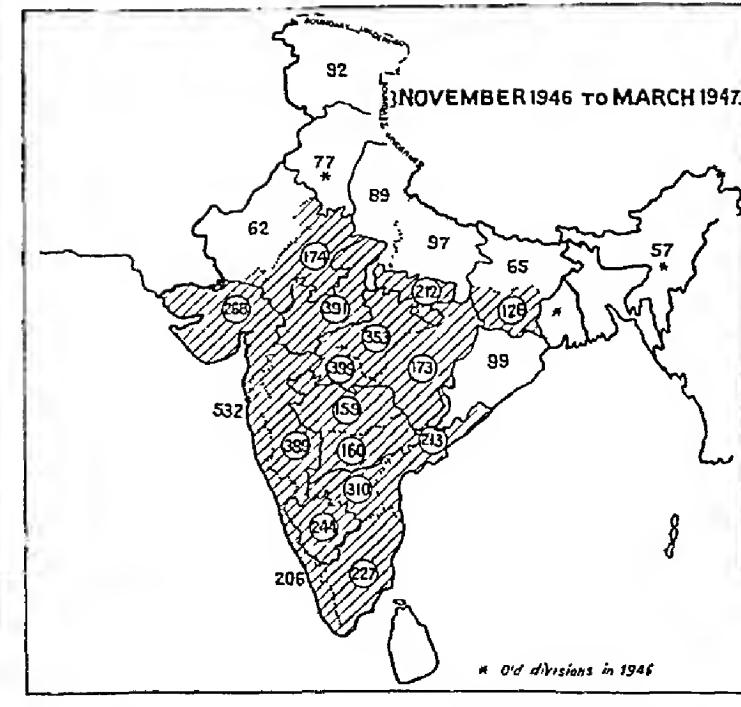
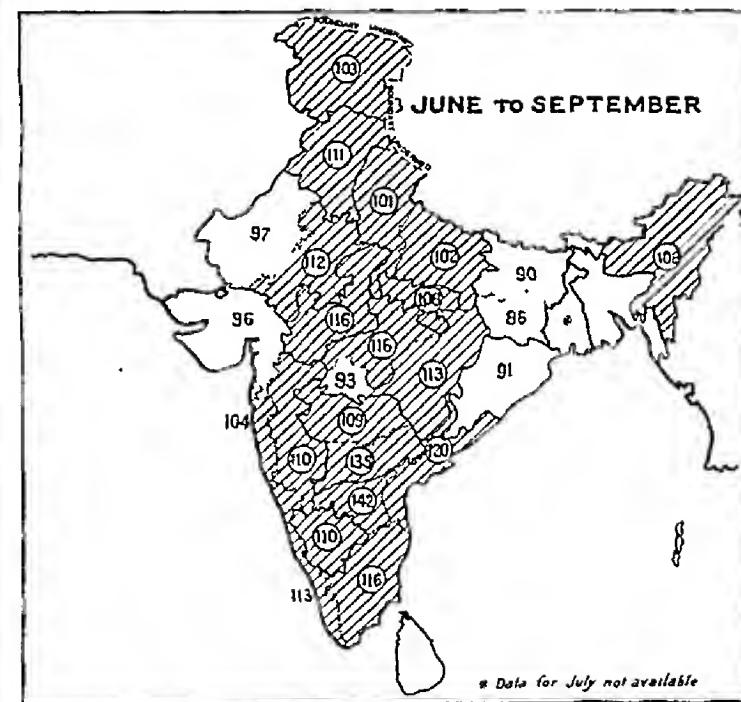
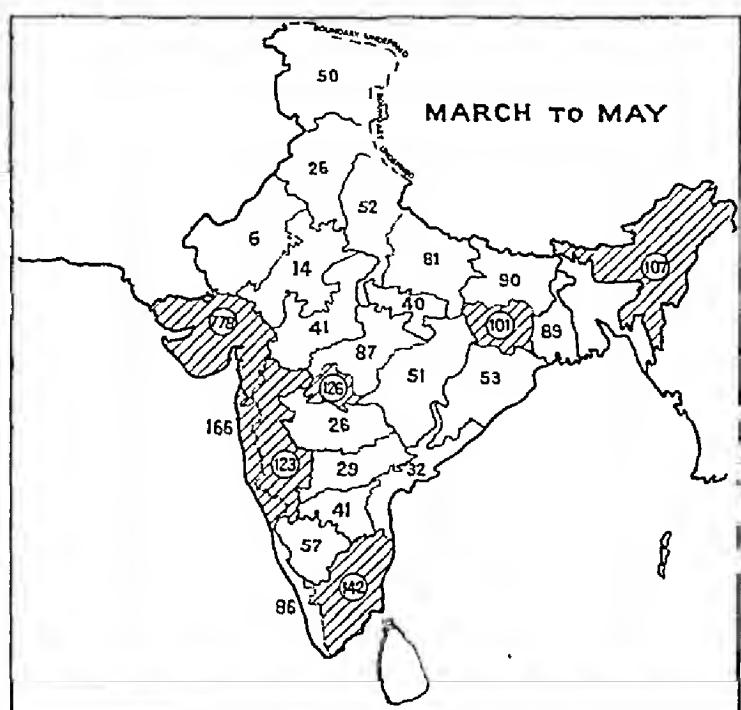
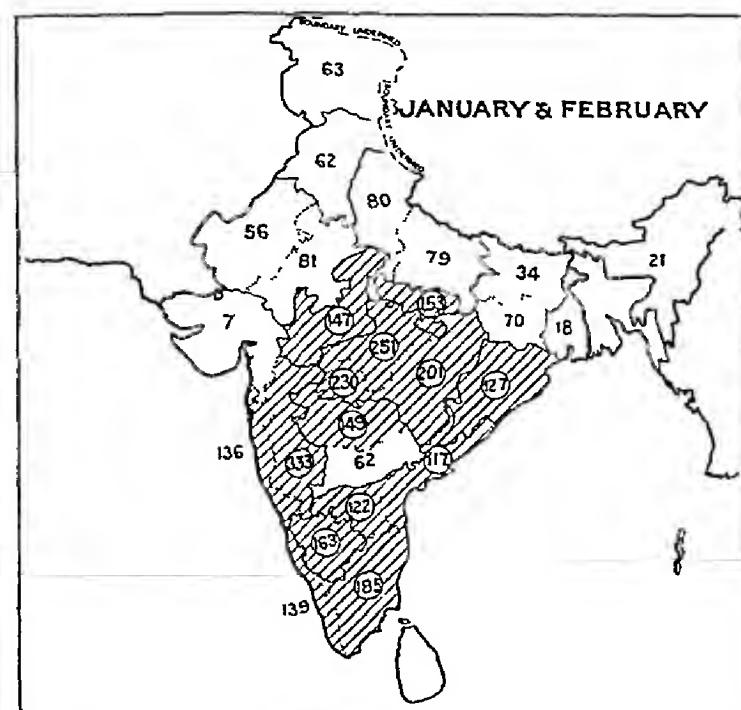
Reg. No. 2764 P.D.O. 1924

The Indo-Pakistan boundary shown on this map has not yet been demarcated as an international boundary. The alignment, therefore, is to be regarded as approximate and is not authoritative.

SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS)
IN DIFFERENT PERIODS OF THE YEAR 1947.

IMD-A.S. 1947.

Plate A 3



**List of Agents in India from whom
Government of India Publications are available—contd.**
[Continued from inner side of the front cover.]

MADRAS—

Devine Trading Co., 22, Namasivaya Mudali Street, Triplicane.
Higginbothams.
K. Krishnamurthy, Mount Road.
Presidency Book Supplies, 8-C, Pycrofts Road, Opp. Victoria Hostel, Triplicane.
Supdt., Government Press, Mount Road.
Varadachary & Co., Messrs. P.

MANGALORE—

U. R. Shenoy & Sons, Cat Street.

MEERUT CANTT.—

Mr. Dharan Prakash, B.Sc.

MEERUT CITY—

Prakash Education Stores, Near Tehsil.
University Book Depot, Near Tehsil.

MYSORE—

J. Nanumal & Sons, Lansdowne Buildings.

NAGPUR—

Supdt., Government Printing, Central Provinces.

NEW DELHI—

Amrit Book Co., Connaught Circus.
Bhavnani & Sons, Connaught Place.
Bodh Raj Marwah, Shop No. 65, Pussa Road Market, Karol Bagh.
Faqir Chand Marwah & Sons, No. 1-A, Regal Building, Connaught Circus.
Harikishan Das Bedi, R. S., 22, Annex Feroze Shah Road.
J. Ray & Sons (India), Ltd., 2, Regal Building.
Jain Book Agency, Connaught Place.
Jayna Book Depot, Chapparwala Kuan, Karol Bagh.
Oxford Book & Stationery Coy., Scindia House.
Ram Krishna & Sons (of Lahore), 13/13, Connaught Place.
Saraswati Book Depot, 15, Lady Hardinge Road.
Sikh Publishing House Ltd., 7-C, Connaught Place.

PATIALA—

Jainco, Booksellers, etc., Bazar Shahi Nashin.

ATNA—

Sohan Singh & Sons, Pirmohani, P. O. Kadim Kuan.
Supdt., Government Printing, Bihar, P. O. Gulzar Bagh.

PATNA CITY—

*Hindi Pustak Agency.
Lakshmi Trading Co., Padri-ki-Haveli.
Raghunath Parshad & Sons.

POONA—

Deccan Book Stall, Fergusson College Road.
Express Book Service, East Street.
International Book Service, Deccan Gymkhana.

PUDUKKOTTAI—

P. N. Swaminathan Sivam & Co., Perumal Vilas, Bazar Street

RAJKOT—

Mohan Lal Dosabhai Shah.

RANCHI—

Ideal Book Store, Near Paristhan Theatre, Main Road.

ROORKEE—

Cambridge Book Depot.

SHILLONG—

Supdt., Assam Secretariat Press.

SIMLA—

J. Ray & Sons (India), Ltd.
Azad Kitab Mahal, Stall No. 13.
Minerva Book Shop, Regal Cinema Building.
Sunder Das & Sons, 141, Lower Bazar.

SIROHI—

National Trading Co.

SURAT—

Shree Gajan Pustakalaya, Tower Road.

TRICHINOPOLY FORT—

Krishna Swami & Co., Messrs. S., Teppakulam.

TRIVANDRUM—

International Book House, 33, Valia Chalai.

UDAIPUR—

Mewar Book Depot.

UJJAIN—

Manakchand Book Depot, Patni Bazar.

VELLORE—

Venkatasubban, Mr. S., Law Bookseller.

*For Hindi Publications only.